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GF 159 Plastics Avenue Pittsfield, MA 01201

February 25, 2005

Mr. William P. Lovely, Jr. U.S. Environmental Protection Agency **EPA New England** One Congress Street, Suite 1100 Boston, Massachusetts 02114-2023

Re:

GE-Pittsfield/Housatonic River Site

Groundwater Management Area 3 (GECD330)

Groundwater Quality and NAPL Monitoring Interim Report for Fall 2004

Dear Mr. Lovely:

In accordance with GE's approved Baseline Monitoring Program Proposal for Plant Site 2 Groundwater Management Area (April 2001), enclosed is a report entitled Groundwater Management Area 3 Baseline Groundwater Quality and NAPL Monitoring Interim Report for Fall 2004 (Fall 2004 GMA 3 Baseline Report). This report summarizes activities performed at Groundwater Management Area (GMA) 3 (also known as the Plant Site 2 GMA) between July and December 2004, including the results of the fall 2004 round of sampling and analysis of groundwater performed as part of the baseline monitoring program for GMA 3 and the results of GE's non-aqueous phase liquid (NAPL) monitoring and recovery program in this area.

Please contact me if you have any questions or comments.

Sincerely,

John F. Novotny, P.E.

Manager - Facilities and Brownfields Programs

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cc: Dean Tagliaferro, EPA

Tim Conway, EPA (cover letter only)

Holly Inglis, EPA (CD-ROM)

Rose Howell, EPA (cover letter only)

K.C. Mitkevicius, USACE (CD-ROM)

Linda Palmieri, Weston (2 hard copies & CD-ROM)

Anna Symington, MDEP (cover letter only)

Robert Bell, MDEP (cover letter only)

Susan Steenstrup, MDEP (2 copies)

Thomas Angus, MDEP (cover letter only)

Mayor James Ruberto, City of Pittsfield

Pittsfield Commissioner of Public Health

Nancy E. Harper, MA AG

Dale Young, MA EOEA

Michael Carroll, GE (cover letter only)

Andrew Silfer, GE (CD-ROM)

Rod McLaren, GE (cover letter only)

Mark Harkness, GE

Andrew Hogeland, GE Advanced Materials Steven Deloye, GE Advanced Materials

Jeff Gardner, Berkshire Community College

Kevin Boland, CSX Transportation

Cheryl Grosso, United States Navy

James Nuss, BBL

Jim Bieke, Goodwin Procter

John Ciampa, SPECTRA

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Groundwater Management Area 3 Baseline Groundwater Quality and NAPL Monitoring Interim Report for Fall 2004

General Electric Company Pittsfield, Massachusetts

February 2005



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1. Introduction

1.1 General

On October 27, 2000, a Consent Decree (CD) executed in 1999 by the General Electric Company (GE), the United States Environmental Protection Agency (EPA), the Massachusetts Department of Environmental Protection (MDEP), and several other government agencies was entered by the United States District Court for the District of The CD governs (among other things) the performance of response actions to address polychlorinated biphenyls (PCBs) and other hazardous constituents in soils, sediment, and groundwater in several Removal Action Areas (RAAs) located in or near Pittsfield, Massachusetts that collectively comprise the GE-Pittsfield/Housatonic River Site (the Site). For groundwater and non-aqueous-phase liquid (NAPL), the areas at and near the GE Pittsfield facility have been divided into five Groundwater Management Areas (GMAs), which are illustrated on Figure 1. These GMAs are described, together with the Performance Standards established for the response actions at and related to them in Section 2.7 of the Statement of Work for Removal Actions Outside the River (SOW) (Appendix E to the CD), with further details presented in Attachment H to the SOW (Groundwater/NAPL Monitoring, Assessment, and Response Programs). This report relates to the Plant Site 2 GMA, also known as and referred to herein as GMA 3.

On April 24, 2001, GE submitted a Baseline Monitoring Program Proposal for Plant Site 2 Groundwater Management Area (GMA 3 Baseline Monitoring Proposal), which was conditionally approved by EPA on November 21, 2001. The GMA 3 Baseline Monitoring Proposal summarized the currently available hydrogeologic information for GMA 3 and proposed groundwater and NAPL monitoring activities (incorporating as appropriate those activities currently in place at that time) for the baseline monitoring period at this GMA. Thereafter, certain modifications were made to the GMA 3 baseline monitoring program as a result of EPA approval conditions and/or findings during field reconnaissance of several wells identified for baseline monitoring. These modifications were documented in an Addendum to the GMA 3 Baseline Monitoring Proposal, submitted to EPA on February 20, 2002. That addendum was conditionally approved by EPA on April 18, 2002. Finally, during the initial well installation activities, a few modifications were made to the locations of the proposed wells due to field conditions, with the approval of EPA's oversight contractor, Weston Solutions, Inc.

As part of the baseline program, GE is required to submit reports on a semi-annual basis to summarize the groundwater and NAPL monitoring and recovery results and, as appropriate, propose modification to the monitoring program. With regard to GMA 3, GE deferred the 2002 and 2003 sampling rounds (with EPA approval) because certain property access issues could not be resolved prior to the scheduled performance of those sampling events. However, GE continued to perform NAPL and groundwater elevation monitoring on an interim basis at all locations for which access was available and collected groundwater samples from well 78B-R on a semi-annual basis for analysis of volatile organic compounds (VOCs) and, until fall 2003, PCBs.

The final property access issues were resolved by February 2004, and, beginning in spring 2004, GE commenced the full semi-annual baseline groundwater quality sampling program at GMA 3. That baseline monitoring program will continue for a minimum of two years. In fall 2004, under the baseline program, the GMA 3 monitoring wells were gauged to determine physical groundwater characteristics (i.e., gradient, flow direction, presence of NAPL) and/or sampled for analysis of PCBs and/or certain non-PCB constituents listed in Appendix IX of 40 CFR Part 264, plus three additional constituents -- benzidine, 2-chloroethylvinyl ether, and 1,2-diphenyhydrazine (Appendix IX+3). This *Groundwater Management Area 3 Baseline Groundwater Quality and NAPL Monitoring Interim Report for Fall 2004* (Fall 2004 GMA 3 Baseline Report) presents the results of groundwater sampling activities performed in October 2004, as well as certain other groundwater characterization and NAPL-related activities performed between July and December 2004.

1.2 Background Information

1.2.1 GMA Description

GMA 3 encompasses the portion of the Unkamet Brook Area (as defined in the CD and SOW) located to the east of Plastics Avenue, and occupies an area of approximately 103 acres (Figures 1 and 2). This area includes the eastern portion of GE's Pittsfield facility, which is generally bounded by Dalton Avenue to the north, Merrill Road to the south, Plastics Avenue to the west, and railroad tracks to the east. GMA 3 also contains commercial/recreational properties located between Merrill Road and the Housatonic River to the southeast of the facility. Unkamet Brook extends from northwest to southeast through the interior of this GMA, although a portion of the brook in the center of the area flows through underground culverts. The GE-owned portion of this GMA located west of Unkamet Brook is mostly paved and covered with large buildings. The GE-owned portion to the east of Unkamet Brook, as well as much of the land between Merrill Road and the Housatonic River, is undeveloped except for the area associated with Building OP-3 and the commercial area along Merrill Road.

Groundwater at GMA 3 generally flows in a southeasterly direction toward the Housatonic River, usually with a pattern that mimics the existing topography. However, localized variations in the flow direction exist due to fill materials used beneath building foundations in the GE Plastics area and the presence of Unkamet Brook. The subsurface conditions across GMA 3 are illustrated on cross-sections A-A' and B-B', presented as Figures 3 and 4,

respectively. The locations of these cross-sections are provided on Figure 2. Figures 5 and 6 illustrate groundwater elevations and flow direction using data collected during the summer 2004 and fall 2004 monitoring rounds, respectively. The groundwater elevation data utilized to prepare those figures is provided in Tables 3A and 3B. The horizontal hydraulic gradients are somewhat variable within GMA 3, but generally decrease toward the Housatonic River, corresponding to a flattening in the ground surface topography.

Several well pairs or closely-spaced shallow and deep well clusters have been installed at GMA 3. The approximate depth of a well in a cluster can be identified by the letter contained in the well name (e.g., cluster 39 contains wells 39A, 39B-R, 39D, and 39E) which represents the well series, specifically:

- A-series wells are generally screened approximately 45 to 50 feet below ground surface (bgs);
- B-series wells are generally screened at or near the water table, approximately 15 to 25 feet bgs;
- C-series wells are generally screened approximately 95 to 100 feet bgs;
- D-series wells are generally screened approximately 70 to 75 feet bgs; and
- E-series wells are generally screened at depths greater than 150 feet bgs.

Most of the GMA 3 well clusters consist of an A-series well paired with a B-series well, and sometimes one or more of the deeper series wells. Consistent with prior monitoring data from the well clusters, the vertical component of the hydraulic gradient was variable in fall 2004. In general, groundwater flows downward in the northern part of the GMA, moves laterally across the central areas, and rises to the south, near the Housatonic River.

The presence of NAPL in GMA 3 has been documented in prior GE reports. NAPL has been observed near Building 59 in coarse gravel that was assumed to be fill material for the foundation of that building. NAPL also has been found in the vicinity of Building 51 and that NAPL may have originated from leakage of underground storage tanks located on the northeast side of that building. Previous investigations have identified the NAPL as a light non-aqueous phase liquid (LNAPL) in the soil at and above the groundwater table interface. The LNAPL east of Building 51 contains multiple constituents, including PCBs, polynuclear aromatic hydrocarbons (PAHs), ethylbenzene, xylenes, 1,2,4-trichlorobenzene, and 1,4-dichlorobenzene, among other constituents. By contrast, the LNAPL just north of Building 59 contains PCBs, a single low level SVOC, and no VOCs. Dense non-aqueous phase liquid (DNAPL) has not been encountered at any of the monitoring wells within GMA 3.

Distribution of the LNAPL has been confined to the vicinity of Buildings 51 and 59, along the western boundary of the GMA, due primarily to: (a) the generally low hydraulic gradients in this area; (b) the difference in grain size between the coarse fill materials near and beneath the buildings and the grain size of the surrounding native soils;

(c) an apparent groundwater mound present between Buildings 59 and 119, to the south of the NAPL area; and (d) the ongoing LNAPL recovery efforts (both automated and manual) conducted by GE. All locations where NAPL has been previously documented are shown on Figure 7, while the extent of NAPL observed in fall 2004 is illustrated on Figure 8. A discussion of the current extent of NAPL and the results of NAPL monitoring and recovery activities is provided in Section 4.5.

1.2.2 Baseline Monitoring Program

As discussed in Section 1.1 above, the CD and the SOW provide for the performance of groundwater-related activities at a number of GMAs, including the implementation of groundwater monitoring, assessment, and recovery programs. In general, these programs consist of a baseline monitoring program conducted over a period of at least two years to establish existing groundwater conditions and a long-term monitoring program performed to assess groundwater conditions over time and to verify the attainment of the Performance Standards for groundwater. The baseline monitoring program was to be initiated at GMA 3 in the spring of 2002, but, as discussed above, access issues prevented performance of the full baseline monitoring program before spring 2004. The full baseline monitoring program is scheduled to continue for a two-year period from its commencement in spring 2004.

As set forth in the GMA 3 Baseline Monitoring Proposal, Addendum, and subsequent EPA-approved program modifications, the full baseline monitoring program at this GMA involves a total of 60 monitoring wells. All of these wells are to be monitored for groundwater elevations on a quarterly basis, while 21 of the wells are to be sampled on a semi-annual basis for analysis of PCBs and/or certain non-PCB Appendix IX+3 constituents. The specific groundwater quality parameters for each individual well were selected based on the monitoring objectives of the well. In addition, groundwater samples from 20 monitoring wells are to be collected on an annual basis for analysis of certain constituents (i.e., natural attenuation parameters) to assess intrinsic and natural processes that may be influencing VOC concentrations in groundwater. Finally, 25 monitoring wells that are not part of the semi-annual or annual sampling program are also routinely monitored for groundwater elevation and the presence of NAPL on an established schedule. The GMA 3 baseline monitoring program is summarized in Table 1 and the construction details of the monitoring wells are provided in Table 2. The well locations are shown on Figure 2.

Several of the baseline wells were not sampled under the GMA 3 baseline monitoring program prior to spring 2004 because certain property owners within this GMA had not given GE permission to access the locations of new or existing groundwater quality monitoring wells. Because of the access issues, in the *Groundwater Management Area* 3 Baseline Groundwater Quality and NAPL Monitoring Interim Report for Spring 2002 (Spring 2002 GMA 3 Baseline Report) GE proposed to omit the fall 2002 groundwater sampling round if access could not be obtained to

the areas of those wells by September 30, 2002, and to conduct a minimum of 2 years of semi-annual baseline groundwater quality sampling beginning with the time that the necessary access was obtained. EPA approved this proposal. For the same reason, with EPA's approval, GE also deferred the spring 2003 and fall 2003 sampling rounds. All property access issues have since been resolved and baseline monitoring was commenced at all GMA 3 wells in spring 2004, except where wells were found to be unusable for sampling purposes.

In addition to the wells for which consent for property access had been an issue, another well (GMA3-1) was to be located in an area that was found to be inaccessible to drilling equipment because of marshy conditions. EPA agreed to defer the installation of well GMA3-1 until after the completion of future remediation activities (i.e., soil/sediment removal and the re-routing of Unkamet Brook) in this area.

1.3 Format of Document

The remainder of this report is presented in six sections. Section 2 describes the groundwater- and NAPL-related activities performed at GMA 3 in fall 2004. Section 3 presents the analytical results obtained during the fall 2004 sampling event. Section 4 provides a summary of the applicable groundwater quality and NAPL-related Performance Standards under the CD and SOW, an assessment of the groundwater quality results from fall 2004, including comparisons to the currently applicable groundwater quality Performance Standards and to the Upper Concentration Limits (UCLs) for groundwater, and an evaluation of the NAPL monitoring/recovery program. Section 5 proposes certain modifications to the current NAPL and baseline groundwater quality monitoring programs. Finally, Section 6 addresses the schedule for future field and reporting activities related to groundwater quality and NAPL presence at GMA 3, focusing in particular on the spring 2005 monitoring event.

2. Field and Analytical Procedures

2.1 General

The activities conducted as part of the fall 2004 semi-annual groundwater monitoring program primarily involved monitoring well installations, measurement of groundwater/NAPL levels, and the collection of groundwater samples from monitoring wells within GMA 3. Monitoring and recovery of LNAPL (if present) were routinely performed at the monitoring wells which are included in the NAPL monitoring program. All wells that were gauged for groundwater elevations, sampled for groundwater quality, and/or monitored for LNAPL during fall 2004 are identified in Table 1, and a site plan showing the groundwater monitoring/sampling locations described in this report is presented on Figure 2. This section discusses the procedures used to conduct those field activities, as well as the methods used to analyze the groundwater samples. All activities were performed in accordance with GE's approved *Field Sampling Plan/Quality Assurance Project Plan* (FSP/QAPP).

2.2 Well Installation and Development

Prior to the spring 2004 sampling event, GE conducted an inventory of the monitoring wells subject to sampling to assess the condition of the wells prior to sampling. Based on the inventory results, GE attempted to repair and/or redevelop wells that were found to obstructed or contained significant sediment accumulations so that these wells could be used to obtain groundwater samples. However, four monitoring wells (i.e., wells 6B, 54B, 82B, and 95B) that were to be utilized during the baseline monitoring program to compare groundwater quality with the MCP Method 1 GW-3 standards and seven natural attenuation monitoring wells (i.e., wells 16C, 16E, 89D, 95B, 95C, 111A, and 114C) were found to be unusable (note that well 95B was scheduled to be monitored as both a GW-3 and natural attenuation well). In most cases, significant portions of the well screens had filled with sediment that could not be removed by additional well development, and some of these wells were damaged beyond repair. GE discussed these situations with EPA during a technical meeting on May 21, 2004 and EPA provided verbal approval of GE's proposed responses, which were documented in a letter to EPA dated June 15, 2004. Those responses included decommissioning of each unusable well and installation of replacement wells at seven of the ten locations (i.e., wells 6B, 16C, 54B, 82B, 89D, 95B, and 111A). Well 114B was also added to the list of wells to be replaced, based on difficulties in obtaining groundwater samples in spring 2004. Wells 16E, 95C, and 114C were removed from the natural attenuation monitoring program.

GE installed six of these replacement wells (i.e., 6B-R, 16C-R, 82B-R, 95B-R, 111A-R, and 114B-R) prior to the fall 2004 baseline groundwater quality monitoring event. GE was unable to access the remaining two replacement well locations (i.e., wells 54B-R and 89D-R) due to flooded conditions in the vicinity of these wells, but plans to install these wells prior to the next monitoring event, if access is improved during the winter. The locations of the new replacement wells are shown on Figure 2. Table 2 shows the survey data and well construction details for these wells, along with the existing wells in the baseline monitoring program. Monitoring well logs for the new replacement wells are presented in Appendix A.

Following installation, the new monitoring wells were developed to remove fine materials (e.g., fine sand, silt, clay) that may have accumulated in the filter pack and to ensure that the well screen was transmitting groundwater representative of the surrounding formation. Well GMA3-4 was also redeveloped in response to elevated turbidities encountered during the prior sampling event in spring 2004. Development was performed by surging the saturated portion of the well screen with a surge block and removing groundwater with either a submersible, positive displacement, or peristaltic pump, depending on the quantity of water available.

2.3 Groundwater Elevation Monitoring

Summer 2004 and fall 2004 quarterly groundwater elevation monitoring was performed in July 2004 and October 2004, respectively. This activity involved the collection of groundwater level data at the locations listed in Tables 3A and 3B. Groundwater levels and NAPL thicknesses (where NAPL is present) were measured in accordance with the procedures specified in GE's approved FSP/QAPP. The July 2004 and October 2004 groundwater elevation data are presented in Tables 3A and 3B, respectively, and the data obtained from wells screened across or near the water table were used to prepare groundwater elevation contour maps (Figures 5 and 6, respectively).

Groundwater elevations were, on average, approximately 0.49 and 0.08 feet higher than the elevations measured during the respective prior seasonal monitoring events in summer 2003 and fall 2003 at locations measured during both monitoring events. Consistent with prior data, groundwater was found to generally flow toward the Housatonic River, with some localized variations in the vicinity of Buildings 51 and 59. LNAPL monitoring and recovery data for fall 2004 are summarized in Table 4 and Appendix C.

2.4 Groundwater Sampling and Analysis

The fall 2004 baseline sampling event was performed between October 6 and 22, 2004. Under the full baseline monitoring program, samples are scheduled to be collected from 21 monitoring wells during the fall sampling

rounds; however, full sample sets were collected from only 18 of those wells and a partial sample set was collected from one well, 111B, which did not yield sufficient groundwater volume to collect samples for all analyses. GE will replace this well prior to the next semi-annual sampling event. The two wells that were not sampled at all (i.e., wells GMA3-1 and 54B-R) have yet to be installed. As explained above, the installation of well GMA3-1, located in a marshy area, has been deferred until re-routing of Unkamet Brook, and well 54B-R could not be installed due to flooded conditions in the vicinity of that well. GE plans to install well 54B-R during the winter months when rig access may be more feasible.

Low-flow sampling techniques, using either a bladder or peristaltic pump, were generally utilized for the purging and collection of groundwater samples during this sampling event. The specific sampling method utilized, as well as a summary of any deviations from the low-flow sampling method specified in the FSP/QAPP, are listed in Appendix B. Each monitoring well was purged until field parameters (including temperature, pH, specific conductivity, oxidation-reduction potential, dissolved oxygen, and turbidity) stabilized or the well was pumped dry. The field parameters were measured in combination with the sampling activities at all monitoring wells sampled. The data are summarized in Table 5 and the field sampling records are contained in Appendix B. A general summary of the fall 2004 field measurement results, collected just prior to sampling, for the monitoring event is provided below:

PARAMETER	UNITS	RANGE		
Turbidity	Nephelometric turbidity units	1.0 - 53		
pН	pH units	5.51 – 8.20		
Specific Conductivity	Millisiemens per centimeter	0.282 – 12.060		
Oxidation-Reduction Potential	Millivolts	-356.3 – 353.2		
Dissolved Oxygen	Milligrams per liter	0.23 – 12.10		
Temperature	Degrees Celsius	10.30 – 22.70		

Only one well (OBG-2) did not achieve the sample turbidity goal of 50 nephelometric turbidity units (NTU) or less in fall 2004. This well is located to the south of OP-3 and produced moderately low turbidity samples during the previous sampling event at this well in spring 2004. Although well OBG-2 was purged at an extremely low pump setting over an extended period, the turbidity stabilized at a level slightly above the 50 NTU goal (53 NTU). GE will continue to attempt to collect lower turbidity samples from this well during future sampling events using lowflow purging and sampling techniques.

The collected groundwater samples were submitted to SGS Environmental Services of Charleston, West Virginia, for laboratory analysis. For all groundwater samples, except those from the wells that were monitored solely for compliance with the GW-2 standards (discussed below), the samples were submitted for analysis of the following parameters using the associated EPA methods:

PARAMETER	SEPA METHOD
VOCs	8260B
Semi-Volatile Organic Compounds (SVOCs)	8270C
Filtered and Unfiltered PCBs	8082
Polychlorinated Dibenzo-p-dioxins and Polychlorinated Dibenzofurans (PCDDs/PCDFs)	8290
Pesticides and Herbicides	8080 and 8151
Filtered and Unfiltered Metals	6010B, 7000A, and 7470A
Filtered and Unfiltered Cyanide	9014
Sulfide	9034

For groundwater samples collected from wells that are monitored solely for compliance with the GW-2 standards, the samples were submitted for analysis of the VOCs listed in GE's FSP/QAPP, as well as five select compounds listed as SVOCs in the FSP/QAPP (1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2,4trichlorobenzene, and naphthalene), using EPA Method 8260B, in accordance with a letter from GE to EPA dated February 20, 2002. The VOC sample collected from GW-3 well 111B was analyzed only for the five SVOCs because, as noted above, a sufficient quantity of groundwater could not be collected from this well to perform analyses for the remaining GW-3 parameters.

None of the groundwater samples collected during fall 2004 was analyzed for natural attenuation parameters, as these analyses are only conducted during the spring monitoring rounds.

Following receipt of the analytical data from the laboratory, the data were validated in accordance with the FSP/QAPP. The results of this data validation process are presented in Appendix F. As discussed in the data validation report, 99.7% of the fall 2004 groundwater quality data are considered to be useable, which is greater than the minimum required usability of 90% as specified in the FSP/QAPP. The VOC and PCB results were found to be 100% usable. The validated analytical results are summarized in Section 3 and discussed in Section 4 below.

2.5 LNAPL Monitoring and Recovery

This section describes the results of the LNAPL monitoring and recovery activities performed by GE within GMA 3 from July through December 2004 (henceforth referred to as fall 2004), including the October 2004 semi-annual monitoring event and other routine monitoring conducted during that period. These activities primarily include the operation of the automated LNAPL recovery system at well 51-21, the routine measurement of groundwater elevations and NAPL thickness (if present), and the manual removal of NAPL if sufficient thickness is present. All activities were performed in accordance with GE's approved FSP/QAPP.

Approximately two weeks prior to the semi-annual monitoring event, GE monitored all wells where the presence of NAPL was noted during the prior year and manually removed any NAPL which was present. The purpose of these bailing rounds is to ensure that any NAPL present in a well is also present in the surrounding formation and not remnant oil which may have been trapped in the well since the prior removal event. The bailing round activities provide a consistent basis to compare the current presence and thickness of NAPL between wells that may otherwise be subject to varying NAPL removal schedules.

Routine LNAPL monitoring was conducted at the monitoring wells listed in Table 4 on a quarterly, monthly, and/or weekly basis. Table 4 also summarizes the fall 2004 LNAPL removal data on a well-by-well basis, and Table C-1 (Appendix C) presents a summary of all of the fall 2004 LNAPL measurements and removal quantities (when performed) for each well at GMA 3. Approximately 43 gallons of LNAPL were recovered between July and December 2004 at GMA 3. Of this total, approximately 28 gallons were removed by the automated skimmer system at well 51-21, and the remaining 15 gallons were manually recovered during routine monitoring events. Since 1997, approximately 870 gallons of LNAPL have been removed from GMA 3 as part of GE's NAPL monitoring and recovery program.

Figure 7 depicts the historical maximum extent of LNAPL observed at GMA 3. That figure represents a compilation of past investigations and shows the maximum lateral extent of LNAPL that has been observed and documented in prior GE reports, and is not indicative of current conditions. Figure 8 indicates the extent of LNAPL observed during the semi-annual monitoring event conducted in October 2004. As shown on those two figures, the northern (upgradient) extent of LNAPL has decreased since the onset of the periodic LNAPL monitoring and recovery activities being conducted in this area. Consistent with historical monitoring results at this GMA, DNAPL was not encountered in any of the monitoring wells gauged during fall 2004.

3. Groundwater Analytical Results

3.1 General

This section presents a description of the fall 2004 groundwater analytical results. A summary of the full validated fall 2004 data set is provided in Appendix D, while the data validation report on these results is presented in Appendix F. Tables 6, 7, and 8 summarize the validated results for detected constituents in groundwater relative to the MCP Method 1 GW-2 and GW-3 standards and the MCP UCLs for groundwater, respectively. An assessment

of these results relative to those groundwater quality standards and UCLs is provided in Section 4.

3.2 Baseline Groundwater Quality Results

3.2.1 VOC Results

Groundwater samples from 19 monitoring wells were analyzed for VOCs during the fall 2004 sampling event. The VOC analytical results for all constituents analyzed are summarized in Appendix D. No VOCs were detected in eight of the groundwater samples, while 9 individual VOCs were observed in the remaining 11 samples. The most commonly observed VOCs were chlorobenzene (detected in eight groundwater samples) and benzene (detected in six groundwater samples). Total VOC concentrations ranged from non-detect (in eight samples) to 4.3 parts per

million (ppm) in monitoring well 78B-R.

3.2.2 SVOC Results

Groundwater samples from 11 monitoring wells were analyzed for SVOCs during the fall 2004 sampling event. Additionally, samples from seven GW-2 monitoring wells and one GW-3 monitoring well (i.e., well 111B, as discussed above) were analyzed for five select SVOCs (1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2,4-trichlorobenzene, and naphthalene) using EPA Method 8260B. The SVOC analytical results for all constituents analyzed are summarized in Appendix D. No SVOCs were detected in five of the groundwater

samples that were analyzed for the entire SVOC list, while 13 individual SVOC constituents were observed in one or

 $more\ of\ the\ remaining\ six\ such\ samples.\ The\ most\ commonly\ observed\ SVOC\ was\ 1,4-dichlorobenzene,\ which\ was$

detected in five of the six samples containing SVOCs.

In regard to the groundwater samples that were analyzed only for five select SVOCs, two of these constituents (1,3-

dichlorobenzene and 1,4-dichlorobenzene) were detected in well 16B-R, while a single constituent was observed in

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wells GMA3-2 (1,4-dichlorobenzene) and GMA3-8 (naphthalene). Each of these detected constituents was below the practical quantitation limit (PQL). No SVOCs were detected in the other five groundwater samples that were analyzed for the five select SVOC parameters.

3.2.3 PCB Results

Unfiltered and filtered groundwater samples from 11 monitoring wells were analyzed for PCBs as part of the fall 2004 sampling event. The PCB analytical results for all aroclors analyzed are summarized in Appendix D. PCBs were detected in six of the unfiltered groundwater samples and in four of the filtered groundwater samples. Total PCB concentrations in the unfiltered samples ranged from non-detect (in five samples) to 0.000502 ppm, while filtered sample concentrations ranged from non-detect (in seven samples) to 0.00038 ppm.

3.2.4 Pesticide/Herbicide Results

Groundwater samples from 11 monitoring wells were analyzed for pesticides and herbicides during the fall 2004 sampling event. The analytical results for the constituents analyzed are presented in Appendix D. No pesticides or herbicides were detected in any of the 11 groundwater samples analyzed, which is generally consistent with the spring 2004 sampling event, where only one organochlorine pesticide (4,4'-DDD) was detected in a single groundwater sample (well 114B) at an estimated value less than the PQL. The results from the spring 2004 and fall 2004 sampling events indicate that pesticide and herbicide compounds are not constituents of interest in groundwater at the developed portions of GMA 3. Therefore, as discussed in Section 5, GE is proposing to eliminate pesticide and herbicide analyses from selected monitoring wells during future groundwater quality monitoring events. EPA has approved a similar approach regarding pesticides and herbicides at the other Plant Site GMAs following the completion of two baseline sampling events and has also agreed that these analyses need be performed for soil samples collected from the same areas as part of the ongoing pre-design investigation for the Unkamet Brook Area RAA.

3.2.5 PCDD/PCDF Results

Groundwater samples from 11 monitoring wells were analyzed for PCDDs/PCDFs during the fall 2004 sampling event. The PCDD/PCDF analytical results are summarized in Appendix D. One individual PCDD/PCDF congener (OCDD) was observed in the groundwater sample from well 6B-R, while the samples were non-detect for all congeners in the remaining 10 wells. In addition, total Toxicity Equivalency Quotients (TEQs) were calculated for the PCDD/PCDF compounds using the Toxicity Equivalency Factors (TEFs) derived by the World Health

Organization (WHO). In calculating those TEQs, the concentrations of individual PCDD/PCDF compounds that were not detected were represented as one-half the analytical detection limit for those compounds. Total TEQ concentrations ranged from 3.2 x 10⁻⁹ to 7.0 x 10⁻⁹ ppm.

3.2.6 Inorganics Results

Unfiltered and filtered groundwater samples from 11 monitoring wells were analyzed for inorganics during the fall 2004 sampling event. The inorganic analytical results for all inorganic constituents analyzed are summarized in Appendix D. There were 11 individual inorganic constituents that were detected in one or more of the unfiltered samples, while 10 inorganic constituents were detected in one or more filtered samples. The most commonly observed inorganics were barium (detected in all unfiltered and filtered samples), nickel (detected in seven unfiltered and six filtered samples), and zinc (detected in all unfiltered samples, but in no filtered samples).

4. Assessment of Results

4.1 General

This report constitutes the second groundwater quality/NAPL recovery monitoring report submitted since commencement of the full GMA 3 baseline groundwater monitoring program. Four other, limited, reports covering the period in which certain baseline groundwater quality monitoring activities could not be implemented due to property access issues have also been submitted. Conclusions developed herein are based on the laboratory results and field measurements obtained during the fall 2004 groundwater sampling event, supplemented with historical groundwater analytical data where available.

4.2 Performance Standards

4.2.1 Groundwater Quality Performance Standards

The Performance Standards applicable to response actions for groundwater at GMA 3 are set forth in Section 2.7 and Attachment H (Section 4.1) of the SOW. In general, the Performance Standards for groundwater quality are based on the groundwater classification categories designated in the MCP. The MCP identifies three potential groundwater categories that may be applicable to a given site. One of these, GW-1 groundwater, applies to groundwater that is a current or potential source of potable drinking water. None of the groundwater at any of the GMAs at the Site is classified as GW-1. However, the remaining MCP groundwater categories are applicable to GMA 3 and are described below:

- GW-2 groundwater is defined as groundwater that is a potential source of vapors to the indoor air of buildings. Groundwater is classified as GW-2 if it is located within 30 feet of an existing occupied building and has an average annual depth below ground surface of 15 feet or less. Under the MCP, volatile constituents present within GW-2 groundwater represent a potential source of organic vapors to the indoor air of the overlying and nearby occupied structures.
- GW-3 groundwater is defined as groundwater that discharges to surface water. By MCP definition, all groundwater at a site is classified as GW-3 since it is considered to be ultimately discharged to surface water. In accordance with the CD and SOW, all groundwater at GMA 3 is considered as GW-3.

The CD and the SOW allow for the establishment of standards for GW-2 and GW-3 groundwater at the GMAs through use of one of three methods, as generally described in the MCP. The first, known as Method 1, consists of the application of pre-established numerical "Method 1" standards set forth in the MCP for both GW-2 and GW-3 groundwater (310 CMR 40.0974). These "default" standards have been developed to be conservative and will serve as the initial basis for evaluating groundwater at GMA 3. The current MCP Method 1 GW-3 standards for the constituents detected in the fall 2003 sampling event are listed in Table 5. (In the event of any discrepancy between the standards listed in these tables and those published in the MCP, the latter will be controlling.) For constituents for which Method 1 standards do not exist, the MCP provides procedures, known as Method 2, for developing such standards (Method 2 standards) for both GW-2 (310 CMR 40.0983(2)) and GW-3 (310 CMR 40.0983(4)) groundwater. For such constituents that are detected in groundwater during the baseline monitoring program, Attachment H to the SOW states that in the Baseline Monitoring Program Final Report, GE must propose to develop Method 2 standards using the MCP procedures or alternate procedures approved by EPA, or provide a rationale for why such standards need not be developed. For constituents whose concentrations exceed the applicable Method 1 (or Method 2) standards, GE may develop and propose to EPA alternative GW-2 and/or GW-3 standards based on a site-specific risk assessment. This procedure is known as Method 3 in the MCP. Upon EPA approval, these alternative risk-based GW-2 and/or GW-3 standards may be used in lieu of the Method 1 (or Method 2) standards. Of course, whichever method is used to establish such groundwater standards, GW-2 standards will be applied to GW-2 groundwater and GW-3 standards will be applied to GW-3 groundwater.

Based on consideration of the above points, the specific groundwater quality Performance Standards for GMA 3 consist of the following:

- 1. At monitoring wells designated as compliance points to assess GW-2 groundwater (i.e., groundwater located at an average depth of 15 feet or less from the ground surface and within 30 feet of an existing occupied building), groundwater quality shall achieve any of the following:
 - (a) the Method 1 GW-2 groundwater standards set forth in the MCP (or, for constituents for which no such standards exist, Method 2 GW-2 standards once developed, unless GE provides and EPA approves a rationale for not developing such Method 2 standards); or
 - (b) alternative risk-based GW-2 standards developed by GE and approved by EPA as protective against unacceptable risks due to volatilization and transport of volatile chemicals from groundwater to the indoor air of nearby occupied buildings; or

(c) a condition, based on a demonstration approved by EPA, in which constituents in the groundwater do not

pose an unacceptable risk to occupants of nearby occupied buildings via volatilization and transport to the

indoor air of such buildings.

2. Groundwater quality shall ultimately achieve the following standards at the perimeter monitoring wells

designated as compliance points for GW-3 standards:

(a) the Method 1 GW-3 groundwater standards set forth in the MCP (or, for constituents for which no such

standards exist, Method 2 GW-3 standards once developed, unless GE provides and EPA approves a

rationale for not developing such Method 2 standards); or

(b) alternative risk-based GW-3 standards proposed by GE and approved by EPA as protective against

unacceptable risks in surface water due to potential migration of constituents in groundwater.

These Performance Standards are to be applied to the results of the individual monitoring wells included in the

monitoring program. Several monitoring wells have been designated as the compliance points for attainment of the

Performance Standards identified above. In addition, at GMA 3, a number of wells are designated as natural

attenuation monitoring wells, which are used to evaluate natural attenuation mechanisms in groundwater. The GW-

2, GW-3, and natural attenuation monitoring wells at this GMA were identified in the GMA 3 Baseline Monitoring

Proposal Addendum and are listed in Table 1.

4.2.2 NAPL-Related Performance Standards

Under the CD and SOW, GE is required to perform monitoring, recovery, assessment, and other response activities

related to NAPL until the applicable NAPL-related Performance Standards are ultimately achieved. The NAPL-

related Performance Standards are set forth in Section 2.7 and Attachment H (Section 4.0) of the SOW. They

consist of the following:

1. Containment, defined as no discharge of NAPL to surface waters and/or sediments, which shall include no

sheens on surface water and no bank seeps of NAPL.

2. For areas near surface waters in which there is no physical containment barrier between the wells and the surface

water, elimination of measurable NAPL (i.e., detectable with an oil/water interface probe) in wells near the

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surface water bank that could potentially discharge NAPL into the surface water, in order to prevent such discharge and assist in achieving groundwater quality Performance Standards.

- 3. For areas adjacent to physical containment barriers, prevention of any measurable LNAPL migration around the ends of the physical containment barriers.
- 4. For NAPL areas not located adjacent to surface waters, reduction in the amount of measurable NAPL to levels which eliminate the potential for NAPL migration toward surface water discharge areas or beyond GMA boundaries, and which assist in achieving groundwater quality Performance Standards.
- 5. For NAPL detected in wells designed to assess GW-2 groundwater (i.e., located at average depths of 15 feet or less from the ground surface and within a horizontal distance of 30 feet from an existing occupied building), a demonstration that constituents in the NAPL do not pose an unacceptable risk to occupants of such building via volatilization and transport to the indoor air of such building. Such demonstration may include assessment activities such as: NAPL sampling, soil gas sampling, desk-top modeling of potential volatilization of chemicals from the NAPL (or associated groundwater) to the indoor air of the nearby occupied buildings, or sampling of the indoor air of such buildings. If necessary, GE shall propose corrective actions, including, but not limited to, containment, recovery, or treatment of NAPL and impacted groundwater.

In addition to these Performance Standards, GE has developed and implemented site-wide criteria for NAPL monitoring and manual recovery requirements, standard procedures for assessment of new NAPL occurrences, and the feasibility of the installation of new recovery systems. In response, GE proposed several NAPL monitoring program guidelines in the Fall 2001 NAPL Monitoring Report for GMA 1 (conditionally approved by EPA on August 29, 2002) and subsequently implemented the approved guidelines across all GMAs. Those guidelines were incorporated into the most recent revision to GE's *Field Sampling Plan/Quality Assurance Project Plan* (FSP/QAPP) submitted to EPA on June 15, 2004.

4.3 Groundwater Quality

The analytical results from the fall 2004 groundwater sampling event were compared to the applicable MCP Method 1 GW-2 and GW-3 standards and to the UCLs for groundwater. These comparisons are summarized in Tables 6, 7, and 8 (for the GW-2 standards, GW-3 standards, and UCLs, respectively) and are discussed in the following subsections.

4.3.1 Groundwater Results Relative to GW-2 Performance Standards

Groundwater samples were collected from all ten designated GW-2 monitoring wells (16B-R, 51-14, GMA3-2, GMA3-4, GMA3-5, GMA3-6, GMA3-7, GMA3-8, GMA3-9, and OBG-2) in fall 2004. The fall 2004 groundwater analytical results for all detected constituents subject to MCP Method 1 GW-2 standards and a comparison of those results with the applicable MCP Method 1 GW-2 standards are presented in Table 6. As shown in Table 6, none of the fall 2004 sample results from the GW-2 monitoring wells exceeded the GW-2 standards. In addition, none of the GW-2 wells exhibited total VOC concentrations above 5 ppm (the level specified in the SOW as a notification level for GW-2 wells within 30 feet of a school or occupied residential structure and as a trigger level for the proposal of interim response actions).

4.3.2 Groundwater Results Relative to GW-3 Performance Standards

A total of 12 of the 14 monitoring wells at GMA 3 designated as GW-3 monitoring wells (6B-R, 78B-R, 82B-R, 89B, 90B, 95B-R, 111B, 114B-R, GMA3-3, GMA3-5, GMA3-6, and GMA3-7) were sampled in fall 2004. As discussed above, one of the remaining GW-3 monitoring wells (54B) is unusable for sampling purposes, but has yet to be replaced, while the final well (GMA3-1) will not be installed until after the completion of future remediation activities and the re-routing of Unkamet Brook. In addition, as also discussed above, well 111B was only sampled for a limited parameter set due to lack of groundwater in the well. The fall 2004 groundwater analytical results for all detected constituents and a comparison of those results with the applicable MCP Method 1 GW-3 standards are presented in Table 7.

In comparing the baseline monitoring results for PCBs and inorganic constituents to the Method 1 GW-3 standards, GE has used the results from the filtered samples. EPA has previously agreed to this approach in a letter to GE dated January 2, 2002. Accordingly, the unfiltered sample results for these constituents were used only for comparison to the MCP UCLs (discussed in Section 4.3.3 below).

The comparisons set forth in Table 7 indicate that the only exceedances of the Method 1 GW-3 standards at GW-3 monitoring wells were for chlorobenzene in four wells and a slight exceedances for PCBs in a single well. Specifically, chlorobenzene concentrations detected in the samples from GW-3 perimeter wells 6B-R (0.92 ppm), 78B-R (2.3 ppm), 89B (estimated concentration of 0.56J ppm, with a duplicate sample concentration of 0.01 ppm), and 114B-R (1.0 ppm) exceed the Method 1 GW-3 standard of 0.5 ppm. With regard to PCBs, concentrations detected in the filtered sample from GW-3 perimeter well 78B-R (0.00038 ppm) slightly exceed the Method 1 GW-3 standard of 0.0003 ppm.

The SOW requires that interim response actions must be proposed for baseline sampling results that exceed Method 1 GW-3 standards at downgradient perimeter monitoring wells, in which: (a) such an exceedence had not previously been detected, or (b) there was a previous exceedance of the Method 1 GW-3 standard and the groundwater concentration is greater than or equal to 100 times the GW-3 standard (if the exceedance was not previously addressed). These interim response actions may include: (1) further assessment activities, such as resampling, increasing the sampling frequency to quarterly, additional well installation, and/or continuing the baseline monitoring program; (2) active response actions; and/or (3) the conduct of a site-specific risk evaluation and proposal of alternative risk-based GW-3 Performance Standards.

For the four wells where the Method 1 GW-3 standard for chlorobenzene was exceeded (wells 6B-R, 78B-R, 89B, and 114B-R), prior VOC data has shown similar or greater concentrations than those detected during fall 2004. In addition, these wells are located in the vicinity of a known chlorobenzene plume. Although this is the first sampling event where PCB concentrations above the Method 1 GW-3 standard were observed in filtered samples collected from well 78B-R, prior data from unfiltered samples collected from this well showed PCB concentrations at levels greater than 0.0003 ppm during each sampling event. Therefore, GE's proposed response action to address these exceedances is to continue the baseline sampling program, as discussed further in Section 6.2.3.

4.3.3 Comparison to Upper Concentration Limits

In addition to comparing the fall 2004 groundwater analytical results with applicable MCP Method 1 GW-2 and GW-3 standards, all detected constituents have also been compared with the groundwater UCLs specified in the MCP (310 CMR 40.0996(7)), as presented in Table 8. The results shown on Table 8 indicate that no constituents were detected at levels above the applicable UCLs during this sampling event.

4.4 Overall Assessment of Analytical Results

Graphs illustrating historical concentrations of total VOCs and filtered and unfiltered PCBs, along with the fall 2004 concentrations, are provided in Appendix E for all wells sampled in fall 2004 that have been previously sampled and analyzed for those constituents. In addition, Appendix E contains graphs of historical concentrations of individual constituents (e.g., chlorobenzene) that exceeded the applicable MCP Method 1 GW-3 standards or UCLs at GW-3 monitoring wells during any of the prior baseline monitoring program sampling events that were analyzed for those constituents in fall 2004.

Since the fall 2004 monitoring event constitutes the second sampling event at most locations under the GMA 3 baseline monitoring program, and the first sampling event at some locations, the amount of data available to assess any trends in constituent concentrations is limited in some wells. However, based on a review of the Concentration vs. Time graphs presented in Appendix E, it appears that concentrations of total VOCs are below their historical high levels in most of the wells where prior data are available.

4.5 Evaluation of NAPL Monitoring and Recovery Activities

This section discusses the effectiveness of the existing NAPL monitoring and recovery program at GMA 3 and proposes certain modifications to optimize operations in the future. In general, the ongoing NAPL recovery operations at GMA 3 have proven effective in removing LNAPL from the subsurface and in preventing LNAPL migration. As discussed in Section 2.5, approximately 43 gallons of LNAPL were recovered at GMA 3 in fall 2004. Of this total, approximately 28 gallons were removed by the automated skimmer system at well 51-21, and the remaining 15 gallons were manually recovered from other monitoring wells (see Table 4). For comparison, over the same time period in fall 2003, approximately 58.5 gallons of LNAPL were recovered at GMA 3 (approximately 52.5 gallons by the automated skimmer system at well 51-21, and approximately 6 gallons from other monitoring wells). Since 1997, over 870 gallons of LNAPL have been removed from GMA 3 as part of GE's NAPL monitoring and recovery program.

The historical maximum extent of measurable LNAPL at GMA 3 is illustrated on Figure 7, while the extent of LNAPL observed in October 2004 is shown on Figure 8. These figures show a decrease in the extent of measurable LNAPL observed in fall 2004 compared to the known maximum extent, particularly along the northern edge of the LNAPL area. This reduction may, at least in part, be attributable to GE's NAPL recovery program, which includes an automatic skimmer system in well 51-21 and routine manual recovery of LNAPL at surrounding locations. In comparison to the prior fall, the extent of LNAPL reflected in Figure 8 appears to be slightly larger in comparison to the prior fall, due to the installation of new wells GMA3-10 and GMA3-12, and the detection of NAPL at those wells. Since these wells, which are located to the west of Building 51, were just installed in spring 2004, there was no prior data available to confirm the presence or absence of LNAPL in this area. Therefore, it cannot be determined whether there is any actual expansion of the extent of LNAPL in the area of well GMA3-10. Other than the reduction in LNAPL along the northern edge of the LNAPL area and detection of LNAPL in the new wells, the extent of LNAPL has remained relatively consistent for several years.

Although this NAPL monitoring and recovery program appears to be effective in preventing the migration of NAPL, certain modifications to the NAPL monitoring program have recently been proposed by GE and approved by EPA

(e.g., installation of additional monitoring wells to the west of Building 51 and the performance of LNAPL records testing at well GMA3-12). These modifications are discussed in detail in Section 5.4.	over
testing at well GMA3-12). These modifications are discussed in detail in Section 3.4.	

5. Groundwater and NAPL Monitoring Program Modifications

5.1 General

This section contains GE's proposed modifications to future groundwater and NAPL monitoring activities at GMA 3. These activities are proposed to address the fall 2004 groundwater sampling and NAPL monitoring results at GMA 3. This section also includes a description of the implementation of recently-approved modifications to the baseline groundwater and NAPL monitoring program that were proposed in the Spring 2004 GMA 3 Baseline Report (conditionally approved by EPA in a letter dated December 7, 2004) and in GE's January 20, 2005 letter to EPA (conditionally approved by EPA in a letter dated February 10, 2005).

5.2 Baseline Groundwater Quality Monitoring Program Modifications

5.2.1 Replacement Well Installations

As discussed in Section 2.2, in spring 2004, GE found that several baseline groundwater quality and natural attenuation monitoring wells were unusable for sampling purposes. The approach approved by EPA, i.e., decommissioning of the wells and installation of replacement wells at certain locations, was described in GE's June 15, 2004 letter. GE installed replacement wells 6B-R, 82B-R, 95B-R, 111A-R, and 114B-R prior to the fall 2004 sampling event, but was unable to install the remaining wells (54B-R and 89D-R) due to marshy field conditions. GE will again attempt to install these wells, under the assumption that winter conditions (e.g., lowered water levels and frozen terrain) will permit access to the well locations. In addition, well 111B was found to contain insufficient groundwater for sampling purposes in fall 2004 and will also be replaced. Details concerning these well installations will be provided in the next semi-annual report.

Additionally, EPA and GE have previously agreed that installation of well GMA3-1 may be deferred until after completion of future remediation actions in this area, including the re-routing of Unkamet Brook.

5.2.2 Response to Exceedances of MCP Method 1 GW-3 Standard

As discussed in Section 4.3.2, chlorobenzene was detected above the MCP Method 1 GW-3 standard at perimeter wells 6B-R, 78B-R, 89B and 114B-R, while PCBs were detected above the MCP Method 1 GW-3 standard at perimeter well 78B-R. Chlorobenzene had previously been detected at these wells (or at their predecessors for

replacement wells) at higher concentrations than those found during fall 2004. As shown in the graphs in Appendix E, chlorobenzene concentrations at wells 6B/6B-R and 89B are significantly lower than their historical high levels, while concentrations at well 78B-R have remained relatively consistent over the time this well has been monitored. The fall 2004 chlorobenzene concentration at well 114B-R (which was sampled for the first time as a replacement for well 114B) was slightly higher than those observed during the prior several sampling events at well 114B, but still within the range of historical concentrations at this location. Moreover, these wells are located within the known chlorobenzene plume at GMA 3. PCB data from well 78B-R is available from two sampling rounds conducted prior to fall 2004. As shown in the graphs in Appendix E, the current sampling event is the first round where PCBs were detected in the filtered samples. However, PCBs have consistently been detected in the unfiltered samples collected from this well and the 2004 concentrations are significantly lower than the initial sampling event conducted in spring 2002. GE proposes to conduct continued monitoring at these wells, which will enable GE to further identify possible trends within the data.

5.2.3 Elimination of Certain Pesticide and Herbicide Analysis

During the fall 2004 sampling event, groundwater samples were collected from 11 wells for analysis of pesticide and herbicide compounds. The results from this event and the spring 2004 sampling event indicated that only one of the Appendix IX pesticide or herbicide compounds were detected in a single groundwater sample. Based on the predominant absence of these compounds over two consecutive sampling events, which were performed under low and high groundwater conditions, GE believes that pesticides and herbicides are not constituents of interest in GMA 3 groundwater. Furthermore, EPA has approved the elimination of pesticide/herbicide analyses for soil samples collected at the GE-owned industrial areas at this RAA during the pre-design investigation for Unkamet Brook. Available soils data from other areas within the Unkamet Brook RAA that have been collected during the ongoing pre-design investigation indicate that the majority of the pesticide/herbicide results were non-detect, and that, where detected, the distribution is limited to the marshy areas to the north of Merrill Road and, to a lesser extent, in the northern portion of the marshy area to the south of Merrill Road and east of Unkamet Brook.

Therefore, GE proposes to eliminate the analysis of groundwater samples for pesticides and herbicides from wells located within GE-owned industrial areas and the western and southernmost GW-3 monitoring wells for the remainder of the GMA 3 baseline monitoring program. At the present time, GE will continue to analyze groundwater samples for these parameters at certain locations within the eastern and northern areas of the Unkamet Brook RAA, where pesticides have been detected in pre-design investigation soil samples. Specifically, GE proposes to continue pesticide and herbicide analyses at wells GMA3-1, GMA3-3, 54B-R, 78B-R, 6B-R, 82B-R,

89B, 90B, 95B-R, and 114B-R and to eliminate this parameter from future sampling events at wells GMA3-5, GMA3-6, GMA3-7, and 111B-R.

5.3 NAPL Monitoring and Recovery Program Modifications

The NAPL monitoring and recovery program that is in place at GMA 3 appears to be effective in identifying and reducing the extent of NAPL in the area of Buildings 51 and 59. GE plans to continue the existing program (i.e., operation of the automated system and routine monitoring and manual removal at other monitoring wells); however, the following previously-proposed modifications to the GMA 3 NAPL monitoring program have recently been approved by EPA and will shortly be implemented:

- GE will continue to monitor wells GMA3-10 and GMA3-12 on a weekly basis, but to implement the standard criteria for LNAPL removal, i.e., observed thickness of greater than 0.25 feet, rather than removing any LNAPL present.
- GE will conduct LNAPL removal testing at well GMA3-12 to assess whether the installation of an automated LNAPL recovery system would be feasible. Specifically, GE will remove LNAPL accumulations from this well over a two- to three-day testing period, initially on an hourly basis, and document the rate and volume of LNAPL returning to each well.
- GE will install two new monitoring wells (to be designated as wells GMA3-13 and GMA3-14) at the locations shown on Figure 2, and will utilize the new wells as monthly LNAPL monitoring locations. Each well will be installed with 10-foot screen sections positioned to straddle the water table, or, if groundwater is very close to the ground surface, as shallow as possible. GE will utilize the boring observations and monitoring results from these wells to further assess whether LNAPL is present near the sanitary sewer line beneath Plastics Avenue. If LNAPL is observed in either of these wells, GE will perform a visual inspection of this line at manholes located along Plastics Avenue to the west of the known NAPL area. If the presence of NAPL is detected within the manholes, samples of both sediment and NAPL -- or, if there is insufficient NAPL to sample, the sediment and water will be collected for analysis of PCBs.
- GE will monitor well GMA4-3 (located on the western side of Plastics Avenue) on a monthly basis to verify that NAPL has not migrated in that direction.

GE will collect LNAPL samples from monitoring wells GMA3-10 and UB-PZ-3 (located to the west of Building 51) and 51-8 (located to the east of Building 51). To assess the potential for volatilization, the LNAPL samples will be analyzed for VOCs and five select SVOCs (1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2,4-trichlorobenzene, and naphthalene), using EPA Method 8260B.

The results of these NAPL-related activities will be presented in the next semi-annual NAPL monitoring report. In addition, GE will provide an evaluation of the potential volatilization of constituents detected in the LNAPL samples to assess whether components of the LNAPL could impact indoor air quality in this area.

6. Schedule of Future Activities

6.1 General

Schedule requirements related to the baseline monitoring programs were generally identified in Attachment H to the

SOW and further clarified in the GMA 3 Baseline Monitoring Proposal. This section primarily addresses scheduling

issues relating to the recently-approved program modifications and the upcoming spring 2005 monitoring event.

6.2 Field Activities Schedule

GE is currently coordinating the well installation activities discussed in Section 5.2.1 and 5.3 above and will develop

the new wells in March 2005 in order to allow the wells sufficient time to equilibrate prior to the spring sampling

round.

GE plans to conduct the LNAPL recovery testing at well GMA3-12 and LNAPL sampling at wells GMA3-10, UB-

PZ-3, and 51-8 in March 2005, in conjunction with the development of the new monitoring wells.

GE has recently completed its quarterly water level monitoring round for winter 2004-2005 and will continue its

routine weekly and monthly groundwater elevation and NAPL monitoring according to the schedule approved by

EPA. In accordance with the approved semi-annual monitoring schedule, the spring 2005 groundwater elevation

monitoring and sampling events are currently scheduled for April 2005. GE will also conduct a NAPL bailing round

approximately one to two weeks prior to the spring 2005 semi-annual groundwater elevation monitoring event

Prior to performance of field activities, GE will provide EPA with 7 days advance notice to allow the assignment of

field oversight personnel.

6.3 Reporting Schedule

GE will submit the spring 2005 Baseline Groundwater Quality and NAPL Monitoring Interim Report for GMA 3 by

August 31, 2005, in accordance with the previously approved reporting schedule. GE will also continue to provide

the results of its ongoing groundwater monitoring activities and NAPL monitoring and recovery efforts in its

monthly reports on overall activities at the GE-Pittsfield/Housatonic River Site.

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Tables



BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Number	Monitoring Frequency	Sampling Frequency	Well Designation / Analytical Category	Well Utilized in Fall 2004	Comments
2A	Quarterly	Annual	Natural Attenuation	Yes	Groundwater Elevation Monitoring Only During Fall (Samples only collected in spring rounds)
6B-R	Quarterly	Semi-Annual	GW-3 Perimeter	Yes	Replacement for well 6B.
16A	Quarterly	Annual	Natural Attenuation	Yes	Groundwater Elevation Monitoring Only During Fall (Samples only collected in spring rounds)
16B-R	Quarterly	Semi-Annual / Annual	Semi-Annual Sampling: GW-2 Sentinel/ Annual Sampling: Natural Attenuation	Yes	GW-2 Sampling Only (Natural Attenuation Sampling only conducted in spring rounds)
16C-R	Quarterly	Annual	Natural Attenuation	Yes	Groundwater Elevation Monitoring Only During Fall (Samples only collected in spring rounds)
39B-R	Quarterly	Annual	Natural Attenuation	Yes	Groundwater Elevation Monitoring Only During Fall (Samples only collected in spring rounds)
39D	Quarterly	Annual	Natural Attenuation	Yes	Groundwater Elevation Monitoring Only During Fall (Samples only collected in spring rounds)
39E	Quarterly	Annual	Natural Attenuation	Yes	Groundwater Elevation Monitoring Only During Fall (Samples only collected in spring rounds)
43A	Quarterly	Annual	Natural Attenuation	Yes	Groundwater Elevation Monitoring Only During Fall (Samples only collected in spring rounds)
43B	Quarterly	Annual	Natural Attenuation	Yes	Groundwater Elevation Monitoring Only During Fall (Samples only collected in spring rounds)
50B	Quarterly	None	None - Groundwater Elevation Monitoring Only	Yes	
51-05	Monthly	None	None - Groundwater Elevation/NAPL Monitoring Only	Yes	
51-06	Monthly	None	None - Groundwater Elevation/NAPL Monitoring Only	Yes	
51-07	Monthly	None	None - Groundwater Elevation/NAPL Monitoring Only	Yes	
51-08	Weekly	None	None - Groundwater Elevation/NAPL Monitoring Only	Yes	
51-09	Monthly	None	None - Groundwater Elevation/NAPL Monitoring Only	Yes	

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Number	Monitoring Frequency	Sampling Frequency	Well Designation / Analytical Category	Well Utilized in Fall 2004	Comments
51-11	Monthly	None	None - Groundwater Elevation/NAPL Monitoring Only	Yes	
51-12	Monthly	None	None - Groundwater Elevation/NAPL Monitoring Only	Yes	
51-13	Monthly	None	None - Groundwater Elevation/NAPL Monitoring Only	No	Well was dry during each monitoring round in fall 2004.
51-14	Monthly	Semi-Annual	GW-2 Sentinel	Yes	
51-15	Monthly	None	None - Groundwater Elevation/NAPL Monitoring Only	Yes	
51-16R	Monthly	None	None - Groundwater Elevation/NAPL Monitoring Only	Yes	
51-17	Monthly	None	None - Groundwater Elevation/NAPL Monitoring Only	Yes	
51-18	Monthly	None	None - Groundwater Elevation/NAPL Monitoring Only	Yes	
51-19	Monthly	None	None - Groundwater Elevation/NAPL Monitoring Only	Yes	
51-21	Quarterly	None	None - Groundwater Elevation/NAPL Monitoring & NAPL Recovery Only	Yes	LNAPL skimmer present in well.
54B	Quarterly	Semi-Annual	GW-3 Perimeter	No	Well found to be unusable and not sampled. Replacement well 54B-R to be installed.
59-01	Monthly	None	None - Groundwater Elevation/NAPL Monitoring Only	Yes	
59-03R	Monthly	None	None - Groundwater Elevation/NAPL Monitoring Only	Yes	
59-07	Monthly	None	None - Groundwater Elevation/NAPL Monitoring Only	Yes	
78B-R	Quarterly	Semi-Annual	GW-3 Perimeter	Yes	
82B-R	Quarterly	Semi-Annual	GW-3 Perimeter	Yes	Replacement for well 82B.

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Number	Monitoring Frequency	Sampling Frequency	Well Designation / Analytical Category	Well Utilized in Fall 2004	Comments
89A	Quarterly	Annual	Natural Attenuation	Yes	Groundwater Elevation Monitoring Only During Fall (Samples only collected in spring rounds)
89B	Quarterly	Semi-Annual / Annual	Semi-Annual Sampling: GW-3 Perimeter/ Annual Sampling: Natural Attenuation	Yes	GW-3 Sampling Only During Fall (Natural Attenuation Sampling only conducted in spring rounds)
89D	Quarterly	Annual	Natural Attenuation	Yes	Groundwater Elevation Monitoring Only. Replacement well 89D-R to be installed prior to spring sampling.
90A	Quarterly	Annual	Natural Attenuation	Yes	Groundwater Elevation Monitoring Only During Fall (Samples only collected in spring rounds)
90B	Quarterly	Semi-Annual / Annual	Semi-Annual Sampling: GW-3 Perimeter/ Annual Sampling: Natural Attenuation	Yes	GW-3 Sampling Only During Fall (Natural Attenuation Sampling only conducted in spring rounds)
95A	Quarterly	Annual	Natural Attenuation	Yes	Groundwater Elevation Monitoring Only During Fall (Samples only collected in spring rounds)
95B-R	Quarterly	Semi-Annual / Annual	Semi-Annual Sampling: GW-3 Perimeter/ Annual Sampling: Natural Attenuation	Yes	Replacement for well 95B. GW-3 Sampling Only (Natural Attenuation Sampling only conducted in spring rounds)
111A-R	Quarterly	Annual	Natural Attenuation	Yes	Groundwater Elevation Monitoring Only During Fall (Samples only collected in spring rounds)
111B	Quarterly	Semi-Annual / Annual	Semi-Annual Sampling: GW-3 Perimeter/ Annual Sampling: Natural Attenuation	Yes	Insufficient quantity of groundwater available to collect complete sample set - only VOCs collected.
114A	Quarterly	Annual	Natural Attenuation	Yes	Groundwater Elevation Monitoring Only During Fall (Samples only collected in spring rounds)
114B-R	Quarterly	Semi-Annual / Annual	Semi-Annual Sampling: GW-3 Perimeter/ Annual Sampling: Natural Attenuation	Yes	Replacement for well 114B. GW-3 Sampling Only (Natural Attenuation Sampling only conducted in spring rounds)
GMA3-1	Quarterly	Semi-Annual	GW-3 Perimeter	No	Installation of this well has been deferred until re-routing of Unkamet Brook is completed.
GMA3-2	Quarterly	Semi-Annual	GW-2 Sentinel	Yes	
GMA3-3	Quarterly	Semi-Annual	GW-3 Perimeter	Yes	
GMA3-4	Quarterly	Semi-Annual	GW-2 Sentinel	Yes	

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Number	Monitoring Frequency	Sampling Frequency	Well Designation / Analytical Category	Well Utilized in Fall 2004	Comments
GMA3-5	Quarterly	Semi-Annual	GW-2 Sentinel/ GW-3 Perimeter	Yes	
GMA3-6	Quarterly	Semi-Annual	GW-2 Sentinel/ GW-3 Source Area Sentinel	Yes	
GMA3-7	Quarterly	Semi-Annual	GW-2 Sentinel/ GW-3 Perimeter	Yes	
GMA3-8	Quarterly	Semi-Annual	GW-2 Sentinel	Yes	
GMA3-9	Quarterly	Semi-Annual	GW-2 Sentinel	Yes	
GMA3-10	Monthly	None	None - Groundwater Elevation/NAPL Monitoring Only	Yes	
GMA3-11	Monthly	None	None - Groundwater Elevation/NAPL Monitoring Only	Yes	
GMA3-12	Monthly	None	None - Groundwater Elevation/NAPL Monitoring Only	Yes	
OBG-2	Quarterly	Semi-Annual	GW-2 Sentinel	Yes	
UB-MW-10	Monthly	None	None - Groundwater Elevation/NAPL Monitoring Only	Yes	
UB-PZ-1	Quarterly	None	None - Groundwater Elevation/NAPL Monitoring Only	Yes	
UB-PZ-2	Quarterly	None	None - Groundwater Elevation/NAPL Monitoring Only	Yes	
UB-PZ-3	Monthly	None	None - Groundwater Elevation/NAPL Monitoring Only	Yes	

Notes:

- 1. Monitoring consists of periodic depth to water and NAPL thickness measurements, if present. LNAPL is manually removed from a well if a thickness of greater than 0.25 feet is observed during a monitoring event (except at well 51-21, which is equipped with an automated skimmer).
- 2. Sampling consists of semi-annual or annual sampling and analysis. Analytical parameters based on well designation (i.e., GW-2 Sentinel, GW-3 Perimeter, GW-3 Source Area Sentinel, &/or Natural Attenuation).

TABLE 2 MONITORING WELL CONSTRUCTION SUMMARY

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well ID	Survey Co	oordinates Easting	Well Diameter (inches)	Ground Surface Elevation (ft AMSL)	Measuring Point Elevation (ft AMSL)	Depth to Top of Screen (ft bgs)	Screen Length (ft)	Top of Screen Elevation (ft AMSL)	Base of Screen Elevation (ft AMSL)	Average Depth to Groundwater (ft bgs)	Average Groundwater Elevation (ft AMSL)
2A	537005.10	138853.90	1.00	991.50	994.16	45.00	5.00	946.50	941.50	5.8	985.72
6B-R	537191.50	138910.00	2.00	991.40	993.62	2.00	10.00	989.40	979.40	5.2	986.22
16A	536730.50	139115.60	2.00	991.50	991.77	44.00	6.00	947.50	941.50	7.2	984.30
16B-R	536856.80	139061.70	2.00	991.80	994.87	3.08	10.00	988.72	978.72	6.3	985.49
16C-R	536734.00	139112.40	2.00	991.40	991.47	90.00	10.00	901.40	891.40	8.2	983.21
16E	536730.30	139112.70	1.00	991.40	992.14	144.00	6.00	847.40	841.40	7.3	984.11
34B	536293.70	138394.20	2.00	1,000.50	1,000.56	20.00	5.00	980.50	975.50	14.9	985.60
35B	536443.40	138525.40	2.00	998.03	997.36	18.00	5.00	980.03	975.03	12.6	985.40
39B-R	536938.60	138862.60	2.00	992.29	991.97	4.00	10.00	988.29	978.29	6.4	985.86
39D	536948.40	138857.90	4.00	992.34	992.16	56.00	10.00	936.34	926.34	6.7	985.68
39E	536932.10	138851.00	4.00	992.34	992.21	225.00	10.00	767.34	757.34	6.2	986.14
43A	538081.20	137905.90	1.00	991.90	993.79	45.00	5.00	946.90	941.90	5.7	986.17
43B	538081.20	137904.40	1.00	991.90	993.61	15.00	5.00	976.90	971.90	4.4	987.47
50B	538647.00	139106.20	2.00	989.72	991.72	8.50	5.00	981.22	976.22	1.3	988.44
51-05	536750.50	138335.60	2.00	996.91	996.44	5.00	10.00	991.91	981.91	10.7	986.23
51-06	536937.64	138194.32	2.00	997.57	997.36	5.00	10.00	992.57	982.57	11.1	986.43
51-07	536843.80	138244.60	2.00	997.26	997.08	5.00	10.00	992.26	982.26	10.9	986.38
51-08	536677.80	138317.00	2.00	997.39	997.08	5.00	10.00	992.39	982.39	11.5	985.91
51-09	536563.70	138370.30	2.00	997.76	997.70	5.00	10.00	992.76	982.76	10.1	987.64
51-11	536860.00	138774.50	2.00	994.62	994.37	5.00	10.00	989.62	979.62	8.8	985.82
51-12	536497.30	138518.50	2.00	996.83	996.55	5.00	10.00	991.83	981.83	7.7	989.12
51-13	536917.10	138579.80	2.00	997.68	997.65	5.00	10.00	992.68	982.68	10.4	987.24
51-14	536771.40	138502.60	2.00	996.93	996.77	5.00	10.00	991.93	981.93	10.9	986.07
51-15	536808.20	138306.30	2.00	996.68	996.43	5.00	10.00	991.68	981.68	10.6	986.08
51-16R	536830.20	138347.60	2.00	996.70	996.39	5.00	10.00	991.70	981.70	10.3	986.41
51-17	536769.90	138377.40	2.00	996.48	996.43	5.00	10.00	991.48	981.48	10.3	986.18
51-18	536902.90	138463.40	2.00	997.38	997.12	5.00	10.00	992.38	982.38	11.3	986.12

2/25/2005

TABLE 2 MONITORING WELL CONSTRUCTION SUMMARY

Well ID	Survey Co	oordinates Easting	Well Diameter (inches)	Ground Surface Elevation (ft AMSL)	Measuring Point Elevation (ft AMSL)	Depth to Top of Screen (ft bgs)	Screen Length (ft)	Top of Screen Elevation (ft AMSL)	Base of Screen Elevation (ft AMSL)	Average Depth to Groundwater (ft bgs)	Average Groundwater Elevation (ft AMSL)
51-19	536823.20	138414.80	2.00	996.65	996.43	5.00	10.00	991.65	981.65	10.7	985.97
51-21	536767.70	138442.35	4.00	996.70	1,001.49	5.00	10.00	991.70	981.70	10.7	986.01
54B	537852.80	139081.90	2.00	987.30	987.96	8.50	5.00	978.80	973.80	1.1	986.20
59-01	536488.80	138238.60	2.00	997.78	996.72	4.00	20.00	993.78	973.78	11.0	986.82
59-03R	536501.00	138260.70	2.00	997.82	997.64	7.30	10.00	990.52	980.52	11.9	985.97
59-07	536517.40	138296.10	2.00	998.27	997.96	4.00	20.00	994.27	974.27	12.2	986.06
78B-R	537551.80	138716.50	2.00	989.11	988.83	1.82	10.00	987.29	977.29	1.8	987.30
82B-R	536937.40	139621.60	2.00	987.80	989.90	2.00	10.00	985.80	975.80	3.2	984.63
89A	536030.80	139413.40	1.00	983.60	985.76	43.00	5.00	940.60	935.60	1.4	982.23
89B	536031.60	139411.70	2.00	983.10	986.03	4.00	3.00	979.10	976.10	0.3	982.76
89D	536025.90	139415.70	1.00	984.20	985.42	70.00	5.00	914.20	909.20	2.4	981.78
90A	536254.90	139765.40	1.00	986.50	988.07	45.00	5.00	941.50	936.50	3.8	982.68
90B	536251.60	139761.00	2.00	986.50	989.10	8.00	3.00	978.50	975.50	4.1	982.36
95A	535822.10	139769.60	1.00	985.30	987.18	45.00	5.00	940.30	935.30	4.7	980.58
95B-R	535637.20	139722.30	2.00	984.30	986.24	3.00	10.00	981.30	971.30	3.5	980.82
95C	535823.20	139780.30	1.00	985.30	988.16	95.00	5.00	890.30	885.30	1.5	983.83
111A-R	535824.10	139087.80	2.00	995.10	997.35	40.00	10.00	955.10	945.10	11.8	983.35
111B	535820.40	139083.80	2.00	994.90	996.75	10.00	5.00	984.90	979.90	11.8	983.09
114A	535499.50	139775.20	1.00	983.20	986.16	45.00	5.00	938.20	933.20	3.8	979.39
114B-R	535503.90	139786.90	2.00	983.50	985.54	4.00	10.00	979.50	969.50	4.5	978.98
114C	535500.50	139792.80	1.00	983.70	986.68	88.00	5.00	895.70	890.70	3.8	979.91
GMA3-2	536596.40	138956.60	2.00	992.25	991.94	5.19	10.00	987.06	977.06	7.9	984.32
GMA3-3	538094.20	138178.20	2.00	990.86	990.45	2.00	10.00	988.86	978.86	2.5	988.36
GMA3-4	537044.70	138021.80	2.00	994.94	994.60	3.57	10.00	991.37	981.37	7.5	987.42
GMA3-5	537323.20	139766.90	2.00	991.50	993.67	4.00	10.00	987.50	977.50	6.0	985.47
GMA3-6	537021.50	138342.30	2.00	997.74	997.49	8.00	10.00	989.74	979.74	11.2	986.50
GMA3-7	536291.70	138397.40	2.00	1000.45	1000.17	10.00	10.00	990.45	980.45	13.8	986.62

TABLE 2 MONITORING WELL CONSTRUCTION SUMMARY

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well ID	Survey Co	oordinates Easting	Well Diameter (inches)	Ground Surface Elevation (ft AMSL)	Measuring Point Elevation (ft AMSL)	Depth to Top of Screen (ft bgs)	Screen Length (ft)	Top of Screen Elevation (ft AMSL)	Base of Screen Elevation (ft AMSL)	Average Depth to Groundwater (ft bgs)	Average Groundwater Elevation (ft AMSL)
GMA3-8	536339.60	138899.10	2.00	994.50	996.24	5.00	10.00	989.50	979.50	8.2	986.32
GMA3-9	537383.20	138385.60	2.00	992.90	992.39	3.00	10.00	989.90	979.90	5.3	987.56
GMA3-10	536659.10	138056.40	2.00	997.78	997.54	9.00	10.00	988.78	978.78	10.9	986.83
GMA3-11	536353.70	138147.90	2.00	997.78	997.25	9.00	10.00	988.78	978.78	10.6	987.22
GMA3-12	536469.20	138169.70	4.00	998.04	997.84	7.00	15.00	991.04	976.04	11.3	986.75
OBG-2	537209.10	139475.80	3.00	992.24	992.20	3.00	11.40	989.24	977.84	5.4	986.88
UB-MW-10	536908.10	138278.30	1.00	996.21	995.99	8.00	10.00	988.21	978.21	10.0	986.17
UB-PZ-1	536336.80	138383.90	1.00	999.00	999.70	9.00	5.00	990.00	985.00	12.3	986.72
UB-PZ-2	536726.10	138735.70	1.00	994.40	994.77	4.00	10.00	990.40	980.40	9.2	985.22
UB-PZ-3	536480.10	138110.00	1.00	998.55	998.15	11.00	5.00	987.55	982.55	12.4	986.10

NOTES:

1. The listed wells were scheduled to be utilized during fall 2004 for baseline groundwater quality sampling or groundwater elevation monitoring. Due to the condition of some wells, not all wells were able to be sampled as scheduled (see Table 1).

2. ft AMSL: Feet above mean sea level

3. ft bgs: Feet below ground surface

4. NA: Information not available.

TABLE 3A GROUNDWATER ELEVATION DATA - SUMMER 2004

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Number	Overall Average Groundwater Elevation (ft AMSL)	Average Summer Groundwater Elevation (ft AMSL)	Summer 2004 Groundwater Elevation (ft AMSL)	Summer 2004 LNAPL Thickness (ft)
Ionitoring Wells Screened	at Water Table	•		
006B	986.22	985.79	986.48	0.00
016B-R	985.49	984.97	985.23	0.00
039B-R	985.86	985.30	985.52	0.00
043B	987.47	986.99	987.72	0.00
050B	988.44	987.98	988.32	0.00
51-05	986.23	986.39	986.60	0.01
51-06	986.43	986.48	986.65	0.00
51-07	986.38	986.36	986.52	0.00
51-08	985.91	985.84	986.25	0.56
51-09	987.64	987.53	987.12	0.00
51-11	985.82	985.79	985.91	0.00
51-12	989.21	989.11	989.08	0.00
51-13	987.24	987.08	<987.38	Not Applicable
51-14	986.07	986.00	986.09	0.00
51-15	986.08	986.11	986.28	0.03
51-16R	986.41	986.16	986.26	0.12
51-17	986.18	986.20	986.48	1.29
51-18	986.12	986.08	986.23	0.00
51-19	985.97	986.01	986.14	0.98
51-21	986.01	986.08	986.20	0.01
54B	986.20	985.76	984.26	0.00
59-01	986.82	986.95	986.36	0.00
59-03R	985.97	986.16	986.55	1.19
59-07	986.06	986.26	986.41	0.00
078B-R	987.30	986.87	987.29	0.00
082B	984.63	983.88	983.88	0.00
089B	982.76	982.88	982.88	0.00
090B	982.36	NA	NA	NA
095B	980.82	982.32	982.32	0.00
111B	983.09	NA	NA	NA
114B	978.98	979.05	979.05	0.00
GMA3-2	984.32	983.53	984.14	0.00
GMA3-3	988.36	988.01	988.38	0.00
GMA3-4	987.42	987.21	987.58	0.00
GMA3-5	985.47	984.41	984.41	0.00
GMA3-6	986.50	986.19	986.65	0.00
GMA3-7	986.62	986.11	986.46	0.00
GMA3-8	986.32	985.54	985.54	0.00
GMA3-9	987.56	987.02	987.59	0.00

TABLE 3A GROUNDWATER ELEVATION DATA - SUMMER 2004

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Number	Overall Average Groundwater Elevation (ft AMSL)	Average Summer Groundwater Elevation (ft AMSL)	Summer 2004 Groundwater Elevation (ft AMSL)	Summer 2004 LNAPL Thickness (ft)
GMA3-10	986.83	986.47	986.47	0.66
GMA3-11	987.22	986.77	986.77	0.00
GMA3-12	986.75	986.41	986.41	0.67
OBG-2	986.88	986.55	986.55	0.00
UB-MW-10	986.17	986.15	986.39	0.00
UB-PZ-1	986.72	986.39	985.94	0.00
UB-PZ-2	985.22	984.71	NA	NA
UB-PZ-3	986.10	986.23	986.33	0.30
Monitoring Wells Screened E	Below Water Table	<u> </u>		•
002A	985.72	985.31	985.78	Not Applicable
016A	984.30	983.91	984.29	Not Applicable
016E	984.18	984.71	985.26	Not Applicable
039D	985.68	985.27	985.75	Not Applicable
039E	986.14	985.68	986.36	Not Applicable
043A	986.17	985.74	988.04	Not Applicable
089A	982.23	982.96	982.96	Not Applicable
089D	981.78	983.01	983.01	Not Applicable
090A	982.68	NA	NA	Not Applicable
095A	980.58	980.43	980.43	Not Applicable
095C	983.83	983.76	983.76	Not Applicable
111A	983.35	983.12	983.12	Not Applicable
114A	979.39	979.89	979.89	Not Applicable
114C	979.91	981.50	981.50	Not Applicable
Unkamet Brook Staff Gauge				
GMA3-SG-1	986.54	NA	986.34	0.00
GMA3-SG-3	987.87	NA	987.51	0.00

NOTES:

- 1. Groundwater elevation/NAPL thickness data collected on July 15-16, 2004.
- 2. ft AMSL Feet Above Mean Sea Level
- 3. Groundwater elevations denoted <## indicate that the well was dry on the date measured and the referenced elevation represents the base of well elevation.
- 4. Average groundwater elevations based on available seasonal groundwater elevation data since 2000.
- 5. NA Data not available.
- 6. Wells 90A, 90B, 111B, and UB-PZ-2 were unable to be measured in July 2004. These wells were either not located, inaccessible, or obstructed.

TABLE 3B GROUNDWATER ELEVATION DATA - FALL 2004

Well Number	Overall Average Groundwater Elevation (ft AMSL)	Average Fall Groundwater Elevation (ft AMSL)	Fall 2004 Groundwater Elevation (ft AMSL)	Fall 2004 LNAPL Thickness (ft)
Monitoring Wells Screened			, , , , , , , , , , , , , , , , , , , ,	
006B-R	986.22	985.20	986.74	0.00
016B-R	985.49	985.55	985.71	0.00
039B-R	985.86	986.02	985.88	0.00
043B	987.47	987.85	987.80	0.00
050B	988.44	988.29	988.64	0.00
51-05	986.23	986.24	986.57	0.01
51-06	986.43	986.06	986.94	0.00
51-07	986.38	986.16	986.74	0.00
51-08	985.91	985.44	986.57	0.06
51-09	987.64	987.01	987.78	0.00
51-11	985.82	985.26	986.36	0.00
51-12	989.21	989.03	989.31	0.00
51-13	987.24	987.40	<987.39	Not Applicable
51-14	986.07	986.00	986.43	0.00
51-15	986.08	985.73	986.62	0.01
51-16R	986.41	986.25	986.59	0.03
51-17	986.18	985.80	986.78	1.52
51-18	986.12	986.00	986.57	0.00
51-19	985.97	985.56	986.48	0.97
51-21	986.01	985.79	986.56	<0.01
54B	986.20	985.28	985.28	0.00
59-01	986.82	986.41	986.68	0.00
59-03R	985.97	985.76	986.69	1.06
59-07	986.06	985.90	986.75	0.01
078B-R	987.30	987.68	987.45	0.00
082B-R	984.63	984.37	985.22	0.00
089B	982.76	982.59	983.42	0.00
090B	982.36	982.72	982.78	0.00
095B-R	980.82	980.19	980.65	0.00
111B	983.09	983.18	983.73	0.00
114B-R	978.98	979.25	979.56	0.00
GMA3-2	984.32	984.47	984.75	0.00
GMA3-3	988.36	988.78	988.81	0.00
GMA3-4	987.42	987.39	987.85	<0.01 (See Note 6)
GMA3-5	985.47	985.30	985.30	0.00
GMA3-6	986.50	986.51	986.96	0.00

TABLE 3B GROUNDWATER ELEVATION DATA - FALL 2004

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Number	Overall Average Groundwater Elevation (ft AMSL)	Average Fall Groundwater Elevation (ft AMSL)	Fall 2004 Groundwater Elevation (ft AMSL)	Fall 2004 LNAPL Thickness (ft)
GMA3-7	986.62	986.57	986.95	0.00
GMA3-8	986.32	986.35	986.35	0.00
GMA3-9	987.56	987.62	987.62	0.00
GMA3-10	986.83	986.81	986.81	0.73
GMA3-11	987.22	987.15	987.15	0.00
GMA3-12	986.75	986.75	986.75	0.30
OBG-2	986.88	986.57	986.83	0.00
UB-MW-10	986.17	985.94	986.76	0.00
UB-PZ-1	986.72	986.49	<986.95	Not Applicable
UB-PZ-2	985.22	985.04	985.92	0.00
UB-PZ-3	986.10	985.90	986.69	0.44
Monitoring Wells Screened Be	low Water Table		•	
002A	985.72	985.74	986.16	Not Applicable
016A	984.30	984.39	984.74	Not Applicable
016C	983.21	983.90	983.66	Not Applicable
039D	985.68	985.69	986.13	Not Applicable
039E	986.14	986.06	986.69	Not Applicable
043A	986.17	987.66	988.18	Not Applicable
089A	982.23	983.31	983.31	Not Applicable
089D	981.78	983.34	983.34	Not Applicable
090A	982.68	982.88	982.88	Not Applicable
095A	980.58	980.88	980.88	Not Applicable
111A-R	983.35	984.32	984.32	Not Applicable
114A	979.39	980.25	980.25	Not Applicable
Unkamet Brook Staff Gauge				_
GMA3-SG-1	986.54	NA	986.42	0.00
GMA3-SG-3	987.87	NA	987.39	0.00

NOTES:

- 1. Groundwater elevation/NAPL thickness data collected on October 13-15, 2004.
- 2. ft AMSL Feet Above Mean Sea Level
- 3. Groundwater elevations denoted <## indicate that the well was dry on the date measured and the referenced elevation represents the base of well elevation.
- 4. Average groundwater elevations based on available seasonal groundwater elevation data since 2000.
- 5. NA Data not available.
- 6. An instrument detection of LNAPL at well GMA3-4 was verified as false based on visual observations.

			Depth t	o Water	LN	NAPL Observatio	ns	LNAPL Recovery ⁽⁶⁾	
Well Name	Number of Measurements	Measuring Point Elevation (Feet AMSL)	Minimum (Feet BMP)	Maximum (Feet BMP)	Times Observed	Minimum Thickness (Feet)	Maximum Thickness (Feet)	LNAPL Recovery (Liters)	LNAPL Recovery (Gallons)
GMA3 Monitori	ng Wells		•					, ,	
2A	2	994.16	8.00	8.38	0				
6B	2	993.01	6.38	6.53	0				
006B-R	4	993.62	6.42	7.75	0				
16A	2	991.77	7.03	7.48	0				
16B-R	3	994.87	8.99	9.64	0				
16C-R	2	991.47	7.81	8.54	0				
16E	2	992.14	6.88	7.15	0				
39B-R	2	991.97	6.09	6.45	0				
39D	2	992.21	6.03	6.41	0				
39E	2	992.21	5.52	5.85	0				
43A	2	993.79	5.61	5.75	0				
43B	2	993.61	5.81	5.89	0				
50B	2	991.76	3.12	3.44	0				
51-05	6	996.44	9.85	10.29	6	0.01	0.98	0.91	0.24
51-06	5	997.36	10.42	10.72	0				
51-07	5	997.08	10.34	10.70	0				
51-08	27	997.08	10.53	12.48	27	0.02	1.48	12.26	3.24
51-09	5	997.70	9.92	10.65	0				
51-11	2	994.37	8.01	8.46	0				
51-12	2	996.55	7.24	7.47	0				

			Depth t	o Water	LN	NAPL Observation	ns	LNAPL Recovery ⁽⁶⁾	
Well Name	Number of Measurements	Measuring Point Elevation	Minimum	Maximum	Times Observed	Minimum Thickness	Maximum Thickness	LNAPL Recovery	LNAPL Recovery
		(Feet AMSL)	(Feet BMP)	(Feet BMP)		(Feet)	(Feet)	(Liters)	(Gallons)
51-13	2	997.42	D	ry	0				
51-14	6	996.77	10.24	10.68	1	0.	01		
51-15	6	996.43	9.79	10.24	6	0.01	0.25	0.15	0.04
51-16R	6	996.39	9.75	10.24	6	0.01	0.12	0.08	0.02
51-17	6	996.43	10.75	11.23	6	1.18	1.52	3.94	1.04
51-18	5	997.12	10.43	10.89	0				
51-19	6	996.43	10.30	11.20	6	0.40	0.98	2.15	0.57
51-21	26	1001.49	14.12	15.66	23	<0.01	0.01	106.88	28.27
54B	2	987.96	2.68	3.70	0				
59-01	5	997.52	10.84	11.25	1	0.	01	0.61	0.16
59-03R	6	997.64	10.88	11.32	6	0.88	1.19	2.33	0.62
59-07	6	997.96	11.18	11.51	4	0.01	0.03	0.54	0.14
78B-R	3	988.83	1.30	1.54	0				
82B	2	990.08	6.06	6.20	0				
82B-R	3	989.90	4.18	5.78	0				
89A	2	985.76	2.45	2.80	0				
89B	2	986.03	2.61	3.15	0				
89D	2	985.42	2.08	2.41	0				
90A	1	988.07	5.	19	0				
90B	2	989.10	5.95	6.32	0				
95A	2	987.18	6.30	6.75	0				

			Depth t	o Water	Li	NAPL Observation	ns	LNAPL Recovery ⁽⁶⁾	
Well Name	Number of Measurements	Measuring Point Elevation	Minimum	Maximum	Times Observed	Minimum Thickness	Maximum Thickness	LNAPL Recovery	LNAPL Recovery
		(Feet AMSL)	(Feet BMP)	(Feet BMP)		(Feet)	(Feet)	(Liters)	(Gallons)
95B	2	988.72	6.00	6.40	0				
95B-R	3	986.24	5.54	5.76	0				
95C	1	988.16	4.	40	0				
109A	1	990.03	7.	10	0				
109B	1	989.06	5.	95	0				
111A	1	997.57	14	.45	0				
111A-R	3	997.35	13.03	13.56	0				
111B	6	996.75	12.95	13.19	0				
114A	2	986.16	5.91	6.27	0				
114B	1	984.98	5.	93	0				
114B-R	3	985.54	5.91	6.00	0				
114C	2	986.68	4.85	5.18	0				
GMA3-2	3	991.94	6.60	7.80	0				
GMA3-3	3	990.45	1.64	2.07	0				
GMA3-4	4	994.60	6.70	7.23	1	<0.01 (False ins	trument reading)		
GMA3-5	3	993.67	7.77	9.26	0				
GMA3-6	3	997.49	10.43	10.84	0				
GMA3-7	3	1000.17	13.08	13.71	0				
GMA3-8	3	996.24	9.89	10.70	0				
GMA3-9	3	992.39	4.77	4.9	0				
GMA3-10	27	997.54	11.24	12.08	27	0.37	0.87	10.76	2.85

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

			Depth t	o Water	LN	NAPL Observation	ns	LNAPL Re	covery ⁽⁶⁾
Well Name	Number of Measurements	Measuring Point Elevation (Feet AMSL)	Minimum (Feet BMP)	Maximum (Feet BMP)	Times Observed	Minimum Thickness (Feet)	Maximum Thickness (Feet)	LNAPL Recovery (Liters)	LNAPL Recovery (Gallons)
GMA3-11	5	997.25	10.10	10.68	0				
GMA3-12	27	997.84	11.22	12.25	27	0.08	0.70	22.84	6.04
OBG-2	3	992.20	4.81	5.65	0				
UB-MW-10	5	995.99	9.23	10.61	0				
UB-PZ-1	2	999.70	13.76	Dry	0				
UB-PZ-2	1	994.77	8.8	85	0				
UB-PZ-3	6	998.15	11.82	12.20	6	0.18	0.44	0.31	0.08
Unkamet Brook	Staff Gauge								
GMA3-SG-1	2	983.44	2.90	2.98	0				
GMA3-SG-3	2	985.53	1.86	1.98	0				

Total amount of LNAPL Recovered - July 2004 through December 2004: 163.76 liters 43.26 gallons

NOTES

- 1. --- indicates LNAPL was not present in a measurable quantity
- 2. NA indicates information not available.
- 3. DRY Indicates that groundwater was not present in the well at the time measurements were conducted.
- 4. ft BMP = Feet Below Measuring Point
- 5. ft AMSL = Feet Above Mean Sea Level
- 6. LNAPL was recovered via an automated skimmer at well 51-21 and was manually removed from the remaining

TABLE 5 FIELD PARAMETER MEASUREMENTS - FALL 2004

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Number	Turbidity (NTU)	Temperature (degrees Celsius)	pH (standard units)	Specific Conductivity (mS/cm)	Oxidation- Reduction Potential (mV)	Dissolved Oxygen (mg/L)
6B-R	5.0	16.72	7.41	0.621	-132.5	0.37
16B-R	8.0	17.65	7.34	1.721	-356.3	0.77
51-14	3.0	10.30	6.50	0.435	144.0	1.35
78B-R	6.0	16.60	5.81	2.208	-162.1	0.27
82B-R	8.0	13.30	6.23	0.627	-47.4	0.54
89B	12.0	13.99	6.60	0.830	-97.1	0.40
90B	1.0	13.81	6.85	0.282	353.2	1.22
95B-R	6.0	14.92	6.55	0.576	-66.6	0.48
111B	13.0	12.69	6.41	1.006	229.9	10.75
114B-R	5.0	13.50	5.57	0.739	-79.0	0.29
GMA3-2	12.0	18.50	7.22	12.060	-332.0	2.11
GMA3-3	3.0	16.37	6.45	5.451	-100.3	0.42
GMA3-4	1.0	21.85	8.20	0.545	60.5	5.60
GMA3-5	3.0	16.65	6.45	0.554	34.4	0.38
GMA3-6	5.0	18.39	6.56	1.807	-74.9	0.30
GMA3-7	27.0	17.65	6.99	0.636	-263.6	12.10
GMA3-8	6.0	13.70	7.05	0.941	-334.4	2.23
GMA3-9	8.0	14.53	5.51	0.769	-119.1	0.23
OBG-2	53.0	22.70	6.67	0.591	-120.7	0.46

Notes:

- 1. Measurements collected during fall 2004 GMA 3 baseline monitoring program sampling activities between October 6 and 22, 2004.
- 2. Well parameters were generally monitored continuously during purging by low-flow techniques. Final parameter readings are presented.
- 3. NTU Nephelometric Turbidity Units
- 4. mS/cm Millisiemens per centimeter
- 5. mV Millivolts
- 6. mg/L Milligrams per liter (ppm)

COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-2 STANDARDS BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004

GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in parts per million, ppm)

	Sample ID:	Method 1 GW-2	16B-R	51-14	GMA3-2	GMA3-4	GMA3-5
Parameter	Date Collected:	Standards	10/07/04	10/07/04	10/06/04	10/08/04	10/07/04
Volatile Organi	ics						
Benzene		2	ND(0.0050) [ND(0.0050)]	ND(0.0050)	0.015	ND(0.0050)	ND(0.0050)
Carbon Disulfide	е	Not Listed	ND(0.0050) [ND(0.0050)]	ND(0.0050)	0.0012 J	ND(0.0050)	ND(0.0050)
Carbon Tetrach	loride	0.02	ND(0.0050) [ND(0.0050)]	0.0014 J	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene		1	0.00052 J [0.00056 J]	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform		0.4	ND(0.0050) [ND(0.0050)]	0.0019 J	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene		30	ND(0.0050) [ND(0.0050)]	ND(0.0050)	0.0011 J	ND(0.0050)	ND(0.0050)
Trichloroethene		0.3	0.00061 J [0.00064 J]	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Total VOCs		5	0.0011 J [0.0012 J]	0.0033 J	0.017 J	ND(0.20)	ND(0.20)
Semivolatile O	rganics						
1,3-Dichloroben	zene	10	0.00069 J [0.00083 J]	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)
1,4-Dichloroben	zene	30	0.0014 J [0.0016 J]	ND(0.0050)	0.0017 J	ND(0.0050)	ND(0.010)
Naphthalene		6	ND(0.0050) [ND(0.0050)]	ND(0.0050) J	ND(0.0050)	ND(0.0050)	ND(0.010)

Sample ID:	Method 1 GW-2	GMA3-6	GMA3-7	GMA3-8	GMA3-9	OBG-2			
Parameter Date Collected:	Standards	10/07/04	10/08/04	10/21/04	10/15/04	10/08/04			
Volatile Organics									
Benzene	2	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)			
Carbon Disulfide	Not Listed	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)			
Carbon Tetrachloride	0.02	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)			
Chlorobenzene	1	0.0033 J	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)			
Chloroform	0.4	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)			
Ethylbenzene	30	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)			
Trichloroethene	0.3	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)			
Total VOCs	5	0.0033 J	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)			
Semivolatile Organics									
1,3-Dichlorobenzene	10	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.0050)	ND(0.0050)			
1,4-Dichlorobenzene	30	0.0030 J	ND(0.010)	ND(0.0050)	ND(0.0050)	ND(0.0050)			
Naphthalene	6	ND(0.010)	ND(0.010)	0.0042 J	ND(0.0050)	ND(0.0050)			

Notes:

- 1. Samples were collected by Blasland Bouck & Lee, Inc., and were submitted to SGS Environmental Services, Inc. for analysis of PCBs and Appendix IX+3 constituents.
- Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved May 29, 2004 and resubmitted June 19, 2004).
- 3. Only volatile and semivolatile analysis is presented for the MCP Method 1 GW-2 Standards Comparison.
- 4. ND Analyte was not detected. The number in parentheses is the associated detection limit.
- 5. Field duplicate sample results are presented in brackets.
- 6. Only volatile and semivolatile constituents detected in at least one sample are summarized.

Data Qualifiers:

Organics (volatiles, semivolatiles)

J - Indicates that the associated numerical value is an estimated concentration.

COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004

_	Sample ID:	Method 1 GW-3	6B-R	78B-R	82B-R
Parameter	Date Collected:	Standards	10/06/04	10/15/04	10/08/04
Volatile Organics					
1,1-Dichloroethane		50	ND(0.050)	ND(0.10)	0.0010 J
Benzene		7	0.70	2.0	0.0015 J
Chlorobenzene		0.5	0.92	2.3	ND(0.0050)
Toluene		50	0.038 J	ND(0.10)	ND(0.0050)
PCBs-Unfiltered		N . A . II . I	MD (0.00005)		LID (0.00000T)
Aroclor-1254		Not Applicable	ND(0.000065)	0.00041	ND(0.000065)
Aroclor-1260		Not Applicable	ND(0.000065) ND(0.000065)	0.000092	ND(0.000065)
Total PCBs PCBs-Filtered		Not Applicable	ND(0.00005)	0.000502	ND(0.000065)
		Not I loted	ND(0.000065)	0.00020	ND(0.000005)
Aroclor-1254 Aroclor-1260		Not Listed Not Listed	ND(0.000065)	0.00029 0.000090	ND(0.000065) ND(0.000065)
Total PCBs		0.0003	ND(0.000065)	0.00038	ND(0.000065)
Semivolatile Organic	`°	0.0003	ND(0.000003)	0.00030	140(0.000003)
1,2-Dichlorobenzene	;s 	8	0.0049 J	ND(0.010)	ND(0.010)
1,4-Dichlorobenzene		8	0.0049 3	0.0098 J	ND(0.010)
2,4,5-Trichlorophenol		0.1	ND(0.010)	0.0098 J 0.0053 J	ND(0.010) ND(0.010)
2-Methylnaphthalene		3	ND(0.010) ND(0.010)	0.0053 J	ND(0.010) ND(0.010)
3&4-Methylphenol		Not Listed	0.021	ND(0.010)	ND(0.010)
Acenaphthene		5	ND(0.010)	0.018	ND(0.010)
Anthracene		3	ND(0.010)	0.0028 J	ND(0.010)
Dibenzofuran		Not Listed	ND(0.010)	0.0028 3	ND(0.010)
Fluorene		3	ND(0.010)	0.015	ND(0.010)
Naphthalene		6	0.0031 J	0.035	ND(0.010)
N-Nitroso-di-n-propyla	mine	Not Listed	ND(0.010)	ND(0.010)	ND(0.010)
Phenanthrene		0.05	ND(0.010)	0.016	ND(0.010)
Phenol		30	0.021	0.0063 J	ND(0.010)
Organochlorine Pes	ticides		****		(0.0.0)
None Detected					
Organophosphate P	esticides				
None Detected					
Herbicides					
None Detected					
Furans	<u> </u>	<u>.</u>			I
2,3,7,8-TCDF		Not Listed	ND(0.0000000023)	ND(0.0000000025)	ND(0.0000000019)
TCDFs (total)		Not Listed	ND(0.0000000023)	ND(0.0000000048)	ND(0.0000000019)
1,2,3,7,8-PeCDF		Not Listed	ND(0.0000000041)	ND(0.0000000016)	ND(0.0000000029)
2,3,4,7,8-PeCDF		Not Listed	ND(0.0000000039)	ND(0.0000000016)	ND(0.0000000028)
PeCDFs (total)		Not Listed	ND(0.0000000041)	ND(0.000000051)	ND(0.0000000029)
1,2,3,4,7,8-HxCDF		Not Listed	ND(0.0000000033)	ND(0.000000059)	ND(0.0000000028)
1,2,3,6,7,8-HxCDF		Not Listed	ND(0.0000000032)	ND(0.000000017)	ND(0.0000000026)
1,2,3,7,8,9-HxCDF		Not Listed	ND(0.0000000039)	ND(0.0000000020)	ND(0.000000033)
2,3,4,6,7,8-HxCDF		Not Listed	ND(0.0000000035)	ND(0.0000000018)	ND(0.0000000029)
HxCDFs (total)		Not Listed	ND(0.0000000039)	ND(0.0000000087)	ND(0.0000000033)
1,2,3,4,6,7,8-HpCDF		Not Listed	ND(0.0000000023)	ND(0.0000000046)	ND(0.0000000021)
1,2,3,4,7,8,9-HpCDF		Not Listed	ND(0.0000000028)	ND(0.000000035)	ND(0.0000000025)
HpCDFs (total)	-	Not Listed	ND(0.0000000028)	ND(0.0000000046)	ND(0.0000000025)
OCDF		Not Listed	ND(0.0000000066)	ND(0.0000000046)	ND(0.0000000048)
Dioxins					
2,3,7,8-TCDD		Not Listed	ND(0.0000000026)	ND(0.000000014)	ND(0.000000033)
TCDDs (total)		Not Listed	ND(0.0000000026)	ND(0.000000014)	ND(0.0000000033)
1,2,3,7,8-PeCDD		Not Listed	ND(0.000000054)	ND(0.0000000025)	ND(0.0000000048)
PeCDDs (total)		Not Listed	ND(0.000000054)	ND(0.0000000025)	ND(0.0000000048)
1,2,3,4,7,8-HxCDD		Not Listed	ND(0.0000000042)	ND(0.0000000021)	ND(0.0000000035)
1,2,3,6,7,8-HxCDD		Not Listed	ND(0.0000000037)	ND(0.0000000017)	ND(0.0000000031)
1,2,3,7,8,9-HxCDD		Not Listed	ND(0.0000000038)	ND(0.000000018)	ND(0.0000000032)
				ND(0.0000000021)	ND(0.000000035)
HxCDDs (total)		Not Listed	ND(0.0000000042)		
HxCDDs (total) 1,2,3,4,6,7,8-HpCDD		Not Listed	ND(0.0000000046)	ND(0.0000000019)	ND(0.0000000036)
HxCDDs (total) 1,2,3,4,6,7,8-HpCDD HpCDDs (total)		Not Listed Not Listed	ND(0.000000046) ND(0.000000046)	ND(0.0000000019) ND(0.0000000021)	ND(0.000000036) ND(0.000000036)
HxCDDs (total) 1,2,3,4,6,7,8-HpCDD	F-)	Not Listed	ND(0.0000000046)	ND(0.0000000019)	ND(0.000000036)

COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004

_	Sample ID:	Method 1 GW-3	6B-R	78B-R	82B-R
Parameter	Date Collected:	Standards	10/06/04	10/15/04	10/08/04
Inorganics-Unfilter	red				
Arsenic		Not Applicable	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium		Not Applicable	0.0510 B	1.40	0.0800 B
Chromium		Not Applicable	0.00240 B	ND(0.0100)	0.00120 B
Cobalt		Not Applicable	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper		Not Applicable	0.00310 B	0.00160 B	ND(0.0250)
Cyanide		Not Applicable	ND(0.0100)	0.00170 B	ND(0.0100)
Lead		Not Applicable	ND(0.00300)	0.000890 B	ND(0.00300)
Nickel		Not Applicable	0.00470 B	0.00700 B	0.00160 B
Silver		Not Applicable	ND(0.00500)	ND(0.00500)	ND(0.00500)
Vanadium		Not Applicable	0.00290 B	ND(0.0500)	ND(0.0500)
Zinc		Not Applicable	0.0180 B	0.0250	0.0140 J
Inorganics-Filtered	d				
Arsenic		0.4	0.00550 B	ND(0.0100)	ND(0.0100)
Barium		30	0.0460 B	1.40	0.0750 B
Chromium		2	0.00200 B	ND(0.0100)	ND(0.0100)
Cobalt		Not Listed	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper		Not Listed	0.00190 B	ND(0.009)	ND(0.0250)
Cyanide		0.01	ND(0.0100)	0.00130 B	ND(0.0100)
Lead		0.03	ND(0.00300)	ND(0.00300)	ND(0.00300)
Nickel		0.08	0.00610 B	0.00700 B	0.00220 B
Silver		0.007	ND(0.00500)	ND(0.00500)	0.00100 B
Vanadium		2	0.00370 B	ND(0.0500)	ND(0.0500)
Zinc		0.9	ND(0.020)	ND(0.0200)	ND(0.020) J

TABLE 7 COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004

GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in parts per million, ppm)

Volatile Organics	D	Sample ID:		89B	90B	95B-R
1.1-Dichirosebarae	Parameter		Standards	10/14/04	10/07/04	10/14/04
Benzene			50	ND(0.0050) (ND(0.050))	ND(0.0050)	ND(0.0050)
Delicote Delicote		9				
Foliage Foli						
PCBs-Unfiltered						
Arcelor-1256			50	[אם(0.0050) [אם(0.050)]	ND(0.0050)	ND(0.0050)
Note Note Applicable NO(0.000065) NO(0.00065) NO(0.000			Not Applicable	0.00012 [0.000027]]	ND(0.00006E)	ND(0.00006E)
Total PCBs						
Not Listed Not Listed ND(0.000065) ND(0.00066) ND(0.000						
Arcicle 254			Not Applicable	0.00012 [0.000021 3]	145(0.000003)	142(0.000003)
Note			Not Listed	ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)
Total PCBs				\ /L \ /1		
Semivolatile Organics Semipolatile Organics Semi						(/
1.2-Dichlorobenzene		anics		(((0.00000)	(0.00000)
1.4-Dichlorobenzene			8	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) .I
2.4.5-Tichlorophenol	,					` ′
2-MetryInaphthalene 3	,			` / -	\ /	
Not Listed ND(0.010) ND(
None_Detected None_Detecte				ND(0.010) [ND(0.010)]		
Anthracene 3	Acenaphthene			ND(0.010) [ND(0.010)]		ND(0.010) J
Fluorene 3	Anthracene		3			
Naphthalene	Dibenzofuran		Not Listed	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J
N-Nitrosc-din-propylamine	Fluorene		3		ND(0.010)	ND(0.010) J
Phenanthrene 0.05	Naphthalene				ND(0.010)	ND(0.010)
Dragnochlorine Pesticides	N-Nitroso-di-n-pro	pylamine	Not Listed			
None Detected	Phenanthrene					
None Detected			30	ND(0.010) [ND(0.010)]	ND(0.010)	R
Drganophosphate Pesticides	Organochlorine F	Pesticides				
None Detected	None Detected		-		-	
None Detected		e Pesticides				
None Detected	None Detected					
Not Listed ND(0.000000031) ND(0.000000031) ND(0.0000000022) ND(0.000000037)	Herbicides					
2,3,7,8-TCDF	None Detected					
TCDFs (total)	Furans					
1,2,3,7,8-PeCDF						
2,3,4,7,8-PeCDF Not Listed ND(0.000000021) [ND(0.000000015)] ND(0.000000031) ND(0.0000000023)					,	,
PeCDFs (total)						
1,2,3,4,7,8-HxCDF						,
1,2,3,6,7,8-HxCDF					,	(
1,2,3,7,8,9-HxCDF						
2,3,4,6,7,8-HxCDF						
Not Listed ND(0.000000033) ND(0.0000000022) ND(0.0000000036) ND(0.0000000031) 1,2,3,4,6,7,8-HpCDF Not Listed ND(0.0000000015) ND(0.00000000097) ND(0.0000000025) ND(0.0000000016) 1,2,3,4,7,8,9-HpCDF Not Listed ND(0.0000000018) ND(0.0000000012) ND(0.0000000030) ND(0.0000000020) 1,2,3,4,7,8,9-HpCDF Not Listed ND(0.0000000018) ND(0.0000000012) ND(0.000000030) ND(0.0000000020) 1,2,3,7,8-HpCDF Not Listed ND(0.0000000033) ND(0.0000000030) ND(0.0000000020) 1,2,3,7,8-TCDD Not Listed ND(0.0000000024) ND(0.0000000037) ND(0.0000000033) ND(0.0000000057) 1,2,3,7,8-PeCDD Not Listed ND(0.0000000024) ND(0.0000000015) ND(0.0000000033) ND(0.0000000022) 1,2,3,7,8-PeCDD Not Listed ND(0.0000000034) ND(0.00000000033) ND(0.0000000034) 1,2,3,7,8-PeCDD Not Listed ND(0.0000000034) ND(0.00000000000000000000000000000000000						
1,2,3,4,6,7,8-HpCDF		•				(/
Not Listed ND(0.000000018) [ND(0.0000000012)] ND(0.0000000030) ND(0.0000000020)	` ')E			\ /	. ,
Not Listed ND(0.000000018) [ND(0.0000000012)] ND(0.0000000030) ND(0.0000000020)				7 1 1		
Note		ار				
Dioxins Diox	. ,			, , , , , , , , , , , , , , , , , , , ,	,	
ND(0.0000000033) ND(0.0000000022) ND(0.0000000033) ND(0.00000000022) ND(0.0000000033) ND(0.00000000022) ND(0.00000000033) ND(0.00000000022) ND(0.00000000033) ND(0.00000000022) ND(0.00000000033) ND(0.00000000022) ND(0.00000000033) ND(0.00000000022) ND(0.00000000033) ND(0.00000000033) ND(0.00000000034) ND(0.00000000034) ND(0.00000000034) ND(0.00000000034) ND(0.00000000034) ND(0.00000000034) ND(0.00000000034) ND(0.0000000034) ND(0.0000000035) ND(0.00000000035) ND(0.00000000000000000000000000000000000			110t Elotou	(0.000000000) [145 (0.000000000)]	.15(0.00000002)	142(0.00000001)
Note			Not Listed	ND(0.000000024) [ND(0.000000015)]	ND(0.0000000033)	ND(0.0000000022)
1,2,3,7,8-PeCDD					,	
PecDDs (total) Not Listed ND(0.0000000034) [ND(0.0000000022)] ND(0.0000000054) ND(0.0000000036) 1,2,3,4,7,8-HxCDD Not Listed ND(0.0000000049) [ND(0.0000000032)] ND(0.0000000038) ND(0.00000000044) 1,2,3,6,7,8-HxCDD Not Listed ND(0.0000000039) [ND(0.0000000026)] ND(0.0000000034) ND(0.0000000036) 1,2,3,7,8,9-HxCDD Not Listed ND(0.0000000041) [ND(0.0000000027)] ND(0.0000000035) ND(0.0000000037) HxCDDs (total) Not Listed ND(0.0000000049) [ND(0.0000000032)] ND(0.0000000038) ND(0.00000000044) 1,2,3,4,6,7,8-HpCDD Not Listed ND(0.00000000029) [ND(0.0000000021)] ND(0.0000000028) ND(0.00000000031) HpCDDs (total) Not Listed ND(0.00000000029) [ND(0.0000000021)] ND(0.0000000028) ND(0.00000000031) DCDD Not Listed ND(0.0000000037) [ND(0.0000000021)] ND(0.0000000051) ND(0.00000000029)				, , , , , , , , , , , , , , , , , , , ,		
1,2,3,4,7,8-HxCDD						
1,2,3,6,7,8-HxCDD Not Listed ND(0.0000000039) [ND(0.0000000026)] ND(0.0000000034) ND(0.00000000036) 1,2,3,7,8,9-HxCDD Not Listed ND(0.0000000041) [ND(0.0000000027)] ND(0.0000000035) ND(0.0000000037) HxCDDs (total) Not Listed ND(0.0000000049) [ND(0.0000000032)] ND(0.0000000038) ND(0.0000000044) 1,2,3,4,6,7,8-HpCDD Not Listed ND(0.0000000029) [ND(0.0000000021)] ND(0.0000000028) ND(0.0000000031) HpCDDs (total) Not Listed ND(0.0000000037) [ND(0.0000000021)] ND(0.00000000028) ND(0.00000000031) DCDD Not Listed ND(0.0000000037) [ND(0.0000000021)] ND(0.00000000051) ND(0.0000000029)	recodos (lotal)		Not Listed	11D(0.0000000034) [11D(0.0000000022)]		
1,2,3,7,8,9-HxCDD Not Listed ND(0.0000000041) [ND(0.0000000027)] ND(0.0000000035) ND(0.00000000037) HxCDDs (total) Not Listed ND(0.0000000049) [ND(0.0000000032)] ND(0.0000000038) ND(0.00000000044) 1,2,3,4,6,7,8-HpCDD Not Listed ND(0.0000000029) [ND(0.0000000021)] ND(0.0000000028) ND(0.0000000031) HpCDDs (total) Not Listed ND(0.0000000029) [ND(0.0000000021)] ND(0.0000000028) ND(0.0000000031) DCDD Not Listed ND(0.0000000037) [ND(0.0000000021)] ND(0.0000000051) ND(0.0000000029))		, , , , , , , , , , , , , , , , , , , ,	. ,	ND(0.0000000044)
HxCDDs (total) Not Listed ND(0.0000000049) [ND(0.0000000032)] ND(0.0000000038) ND(0.00000000044) 1,2,3,4,6,7,8-HpCDD Not Listed ND(0.0000000029) [ND(0.0000000021)] ND(0.0000000028) ND(0.0000000031) HpCDDs (total) Not Listed ND(0.0000000029) [ND(0.0000000021)] ND(0.0000000028) ND(0.0000000031) DCDD Not Listed ND(0.0000000037) [ND(0.0000000021)] ND(0.0000000051) ND(0.0000000029)	1,2,3,4,7,8-HxCDE		Not Listed	ND(0.0000000049) [ND(0.0000000032)]	ND(0.0000000038)	
1,2,3,4,6,7,8-HpCDD Not Listed ND(0.0000000029) [ND(0.0000000021)] ND(0.0000000028) ND(0.0000000031) HpCDDs (total) Not Listed ND(0.0000000029) [ND(0.0000000021)] ND(0.0000000028) ND(0.0000000031) DCDD Not Listed ND(0.0000000037) [ND(0.0000000021)] ND(0.0000000051) ND(0.0000000029)	1,2,3,4,7,8-HxCDE 1,2,3,6,7,8-HxCDE)	Not Listed Not Listed	ND(0.0000000049) [ND(0.0000000032)] ND(0.0000000039) [ND(0.0000000026)]	ND(0.000000038) ND(0.000000034)	ND(0.000000036)
HpCDDs (total) Not Listed ND(0.0000000029) [ND(0.0000000021)] ND(0.0000000028) ND(0.0000000031) OCDD Not Listed ND(0.0000000037) [ND(0.0000000021)] ND(0.0000000051) ND(0.00000000029)	1,2,3,4,7,8-HxCDE 1,2,3,6,7,8-HxCDE)	Not Listed Not Listed Not Listed	ND(0.0000000049) [ND(0.0000000032)] ND(0.0000000039) [ND(0.0000000026)] ND(0.0000000041) [ND(0.0000000027)]	ND(0.000000038) ND(0.000000034) ND(0.000000035)	ND(0.000000036) ND(0.000000037)
	1,2,3,4,7,8-HxCDE 1,2,3,6,7,8-HxCDE 1,2,3,7,8,9-HxCDE HxCDDs (total))	Not Listed Not Listed Not Listed Not Listed	ND(0.0000000049) [ND(0.0000000032)] ND(0.0000000039) [ND(0.0000000026)] ND(0.0000000041) [ND(0.0000000027)] ND(0.0000000049) [ND(0.0000000032)]	ND(0.000000038) ND(0.000000034) ND(0.000000035) ND(0.000000038)	ND(0.000000036) ND(0.000000037) ND(0.0000000044)
Total TEQs (WHO TEFs) 0.0000001 0.0000000049 [0.0000000032] 0.0000000065 0.0000000049	1,2,3,4,7,8-HxCDE 1,2,3,6,7,8-HxCDE 1,2,3,7,8,9-HxCDE HxCDDs (total) 1,2,3,4,6,7,8-HpCI HpCDDs (total))	Not Listed Not Listed Not Listed Not Listed Not Listed Not Listed	ND(0.0000000049) [ND(0.0000000032)] ND(0.0000000039) [ND(0.0000000026)] ND(0.0000000041) [ND(0.0000000027)] ND(0.0000000049) [ND(0.0000000032)] ND(0.0000000029) [ND(0.0000000021)] ND(0.00000000029) [ND(0.0000000021)]	ND(0.000000038) ND(0.000000034) ND(0.000000035) ND(0.000000038) ND(0.0000000028) ND(0.0000000028)	ND(0.000000036) ND(0.000000037) ND(0.0000000044) ND(0.0000000031) ND(0.0000000031)
	1,2,3,4,7,8-HxCDE 1,2,3,6,7,8-HxCDE 1,2,3,7,8,9-HxCDE HxCDDs (total) 1,2,3,4,6,7,8-HpCl HpCDDs (total) OCDD	DD	Not Listed	ND(0.0000000049) [ND(0.0000000032)] ND(0.0000000039) [ND(0.0000000026)] ND(0.0000000041) [ND(0.0000000027)] ND(0.0000000049) [ND(0.000000032)] ND(0.0000000029) [ND(0.0000000021)] ND(0.00000000029) [ND(0.0000000021)] ND(0.00000000037) [ND(0.0000000021)]	ND(0.000000038) ND(0.000000034) ND(0.0000000035) ND(0.0000000038) ND(0.0000000028) ND(0.0000000028) ND(0.0000000051)	ND(0.000000036) ND(0.000000037) ND(0.0000000044) ND(0.0000000031) ND(0.0000000031) ND(0.0000000029)

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TABLE 7 COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004

	Sample ID:	Method 1 GW-3	89B	90B	95B-R
Parameter	Date Collected:	Standards	10/14/04	10/07/04	10/14/04
Inorganics-Unfi	Itered				
Arsenic		Not Applicable	ND(0.0100) [ND(0.0100)]	ND(0.0100)	ND(0.0100)
Barium		Not Applicable	0.0620 B [0.0620 B]	0.0220 B	0.0640 B
Chromium		Not Applicable	ND(0.0075) [ND(0.0075)]	0.00490 B	ND(0.0075)
Cobalt		Not Applicable	ND(0.0500) [ND(0.0500)]	ND(0.0500)	ND(0.0500)
Copper		Not Applicable	ND(0.0250) [0.00190 B]	ND(0.0250)	ND(0.0250)
Cyanide		Not Applicable	ND(0.0100) [ND(0.0100)]	ND(0.0100)	ND(0.0100)
Lead		Not Applicable	ND(0.00300) [ND(0.00300)]	0.00100 B	ND(0.00300)
Nickel		Not Applicable	ND(0.0400) [ND(0.0400)]	0.00500 B	ND(0.0400)
Silver		Not Applicable	0.00130 B [ND(0.00500)]	ND(0.00500)	ND(0.00500)
Vanadium		Not Applicable	ND(0.0500) [ND(0.0500)]	ND(0.0500)	ND(0.0500)
Zinc		Not Applicable	0.0130 B [0.0140 B]	0.0160 J	0.0130 B
Inorganics-Filte	red				
Arsenic		0.4	ND(0.0100) [ND(0.0100)]	ND(0.0100)	ND(0.0100)
Barium		30	0.0590 B [0.0610 B]	0.0230 B	0.0660 B
Chromium		2	ND(0.0075) [ND(0.010)]	0.00280 B	ND(0.010)
Cobalt		Not Listed	ND(0.0500) [ND(0.0500)]	ND(0.0500)	ND(0.0500)
Copper		Not Listed	ND(0.0250) [ND(0.009)]	ND(0.0250)	ND(0.009)
Cyanide		0.01	ND(0.0100) [ND(0.0100)]	ND(0.0100)	ND(0.0100)
Lead		0.03	0.000700 J [0.00130 J]	ND(0.00300)	ND(0.00300)
Nickel		0.08	ND(0.0400) [ND(0.0400)]	ND(0.0400)	ND(0.0400)
Silver		0.007	ND(0.00500) [ND(0.00500)]	ND(0.00500)	ND(0.00500)
Vanadium		2	ND(0.0500) [ND(0.0500)]	ND(0.0500)	ND(0.0500)
Zinc		0.9	ND(0.0200) [ND(0.020)]	ND(0.020) J	ND(0.020)

COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004

	Sample ID:	Method 1 GW-3	111B	114B-R	GMA3-3
Parameter	Date Collected:	Standards	10/22/04	10/14/04	10/15/04
Volatile Organics					
1,1-Dichloroethane		50	ND(0.0050)	ND(0.050)	ND(0.0050)
Benzene		7	ND(0.0050)	ND(0.050)	0.0031 J
Chlorobenzene		0.5	ND(0.0050)	1.0	0.020
Toluene		50	ND(0.0050)	ND(0.050)	ND(0.0050)
PCBs-Unfiltered					
Aroclor-1254		Not Applicable	NA	ND(0.000065)	0.000046 J
Aroclor-1260		Not Applicable	NA	ND(0.000065)	0.000017 J
Total PCBs		Not Applicable	NA	ND(0.000065)	0.000063 J
PCBs-Filtered				1	
Aroclor-1254		Not Listed	NA	ND(0.000065)	0.000053 J
Aroclor-1260		Not Listed	NA NA	ND(0.000065)	0.000022 J
Total PCBs		0.0003	NA	ND(0.000065)	0.000075 J
Semivolatile Organ			ND (0.00=0)	117(0.010)	115(2.242)
1,2-Dichlorobenzen		8	ND(0.0050)	ND(0.010)	ND(0.010)
1,4-Dichlorobenzen		8	ND(0.0050)	0.030	ND(0.010)
2,4,5-Trichlorophen		0.1	NA NA	ND(0.010)	ND(0.010)
2-Methylnaphthaler	ie	3 Not Listed	NA NA	ND(0.010)	0.0062 J ND(0.010)
3&4-Methylphenol Acenaphthene			NA NA	ND(0.010) ND(0.010)	0.015
Acenaphtnene Anthracene		5 3	NA NA	ND(0.010) ND(0.010)	0.015 ND(0.010)
Dibenzofuran		Not Listed	NA NA	ND(0.010) ND(0.010)	0.0065 J
Fluorene		3	NA NA	ND(0.010) ND(0.010)	0.0065 J 0.0067 J
Naphthalene		6	ND(0.0050) J	ND(0.010)	0.0007 J
N-Nitroso-di-n-prop	vlamine	Not Listed	NA	0.0083 J	ND(0.010)
Phenanthrene	ylamine	0.05	NA NA	ND(0.010)	0.0053 J
Phenol		30	NA NA	ND(0.010)	ND(0.010)
Organochlorine Pe	esticides	00		112 (0.0.0)	112(0.0.0)
None Detected			NA		
Organophosphate	Pesticides				I
None Detected			NA		
Herbicides					l .
None Detected			NA		
Furans					l .
2,3,7,8-TCDF					
, , ,		Not Listed	NA	ND(0.0000000021)	ND(0.0000000032)
TCDFs (total)		Not Listed Not Listed	NA NA	ND(0.0000000021) ND(0.0000000021)	ND(0.000000032) ND(0.000000032)
TCDFs (total) 1,2,3,7,8-PeCDF		Not Listed Not Listed Not Listed		ND(0.000000021) ND(0.0000000021) ND(0.0000000017)	ND(0.000000032) ND(0.0000000032) ND(0.0000000027)
TCDFs (total) 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF		Not Listed	NA	ND(0.0000000021)	ND(0.0000000032)
1,2,3,7,8-PeCDF		Not Listed Not Listed	NA NA	ND(0.0000000021) ND(0.0000000017)	ND(0.000000032) ND(0.0000000027)
1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF		Not Listed Not Listed Not Listed	NA NA NA	ND(0.0000000021) ND(0.0000000017) ND(0.0000000017)	ND(0.000000032) ND(0.0000000027) ND(0.0000000027)
1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF PeCDFs (total)		Not Listed Not Listed Not Listed Not Listed	NA NA NA NA	ND(0.0000000021) ND(0.0000000017) ND(0.0000000017) ND(0.0000000024)	ND(0.000000032) ND(0.0000000027) ND(0.0000000027) ND(0.0000000027) ND(0.0000000023) ND(0.0000000021)
1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF PeCDFs (total) 1,2,3,4,7,8-HxCDF		Not Listed Not Listed Not Listed Not Listed Not Listed Not Listed	NA NA NA NA	ND(0.000000021) ND(0.0000000017) ND(0.0000000017) ND(0.0000000024) ND(0.0000000017) ND(0.0000000015) ND(0.0000000018)	ND(0.000000032) ND(0.000000027) ND(0.0000000027) ND(0.0000000027) ND(0.0000000023) ND(0.0000000021) ND(0.0000000025)
1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF PeCDFs (total) 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 2,3,4,6,7,8-HxCDF		Not Listed	NA	ND(0.000000021) ND(0.0000000017) ND(0.0000000017) ND(0.0000000024) ND(0.0000000017) ND(0.0000000015) ND(0.0000000018) ND(0.0000000016)	ND(0.000000032) ND(0.000000027) ND(0.0000000027) ND(0.0000000027) ND(0.0000000023) ND(0.0000000021) ND(0.0000000025) ND(0.0000000023)
1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF PeCDFs (total) 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 2,3,4,6,7,8-HxCDF HxCDFs (total)		Not Listed	NA	ND(0.000000021) ND(0.0000000017) ND(0.0000000017) ND(0.0000000024) ND(0.0000000017) ND(0.0000000015) ND(0.0000000018) ND(0.0000000016) ND(0.0000000018)	ND(0.000000032) ND(0.000000027) ND(0.0000000027) ND(0.0000000027) ND(0.0000000023) ND(0.0000000021) ND(0.0000000025) ND(0.0000000023) ND(0.0000000023) ND(0.0000000023)
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1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF PeCDFs (total) 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 2,3,4,6,7,8-HxCDF HxCDFs (total) 1,2,3,4,6,7,8-HpCD 1,2,3,4,6,7,8-HpCD		Not Listed	NA N	ND(0.000000021) ND(0.0000000017) ND(0.0000000017) ND(0.0000000024) ND(0.0000000017) ND(0.0000000015) ND(0.0000000018) ND(0.0000000016) ND(0.0000000018) ND(0.0000000011) ND(0.0000000014)	ND(0.000000032) ND(0.000000027) ND(0.0000000027) ND(0.0000000027) ND(0.0000000023) ND(0.0000000021) ND(0.0000000025) ND(0.0000000023) ND(0.0000000023) ND(0.0000000025) ND(0.0000000025) ND(0.0000000025) ND(0.00000000021)
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1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 2,3,4,7,8-PeCDF PeCDFs (total) 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF HxCDFs (total) 1,2,3,4,6,7,8-HpCD 1,2,3,4,7,8,9-HpCD HpCDFs (total) OCDF Dioxins 2,3,7,8-TCDD TCDDs (total) 1,2,3,4,7,8-HxCDD 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD HxCDDs (total) 1,2,3,4,6,7,8-HpCD	F	Not Listed	NA N	ND(0.000000021) ND(0.000000021) ND(0.000000017) ND(0.0000000017) ND(0.0000000024) ND(0.0000000015) ND(0.0000000015) ND(0.0000000016) ND(0.0000000016) ND(0.0000000011) ND(0.0000000011) ND(0.0000000014) ND(0.0000000014) ND(0.0000000014) ND(0.0000000016) ND(0.0000000016) ND(0.00000000016) ND(0.00000000016) ND(0.00000000016) ND(0.00000000016) ND(0.00000000016) ND(0.00000000016) ND(0.00000000016) ND(0.00000000025) ND(0.00000000025) ND(0.00000000028) ND(0.00000000028) ND(0.00000000028) ND(0.00000000021)	ND(0.000000032) ND(0.000000032) ND(0.000000027) ND(0.0000000027) ND(0.0000000027) ND(0.0000000023) ND(0.0000000023) ND(0.0000000025) ND(0.0000000025) ND(0.0000000025) ND(0.0000000021) ND(0.0000000021) ND(0.0000000021) ND(0.0000000022) ND(0.0000000022) ND(0.0000000034) ND(0.0000000034) ND(0.0000000028) ND(0.0000000027) ND(0.0000000028) ND(0.0000000028) ND(0.0000000029) ND(0.0000000034) ND(0.0000000029)
1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 2,3,4,7,8-PeCDF PeCDFs (total) 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF HxCDFs (total) 1,2,3,4,6,7,8-HpCD 1,2,3,4,7,8,9-HpCD HpCDFs (total) OCDF Dioxins 2,3,7,8-TCDD TCDDs (total) 1,2,3,7,8-PeCDD PeCDDs (total) 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD HxCDDs (total) 1,2,3,4,6,7,8-HpCD HxCDDs (total) 1,2,3,4,6,7,8-HpCD HxCDDs (total)	F	Not Listed	NA N	ND(0.000000021) ND(0.000000021) ND(0.000000017) ND(0.0000000017) ND(0.0000000017) ND(0.0000000017) ND(0.0000000017) ND(0.0000000015) ND(0.000000018) ND(0.0000000018) ND(0.0000000011) ND(0.0000000011) ND(0.0000000014) ND(0.0000000014) ND(0.0000000016) ND(0.0000000016) ND(0.0000000016) ND(0.0000000016) ND(0.0000000025) ND(0.0000000025) ND(0.0000000028) ND(0.0000000028) ND(0.0000000021) ND(0.0000000021) ND(0.0000000021)	ND(0.000000032) ND(0.000000032) ND(0.000000027) ND(0.0000000027) ND(0.0000000027) ND(0.0000000023) ND(0.0000000023) ND(0.0000000025) ND(0.0000000025) ND(0.0000000025) ND(0.0000000025) ND(0.00000000021) ND(0.00000000021) ND(0.00000000021) ND(0.00000000021) ND(0.00000000022) ND(0.00000000022) ND(0.00000000022) ND(0.0000000034) ND(0.0000000034) ND(0.0000000028) ND(0.0000000028) ND(0.0000000029) ND(0.0000000029) ND(0.0000000029)
1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 2,3,4,7,8-PeCDF PeCDFs (total) 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF HxCDFs (total) 1,2,3,4,6,7,8-HpCD 1,2,3,4,7,8,9-HpCD HpCDFs (total) OCDF Dioxins 2,3,7,8-TCDD TCDDs (total) 1,2,3,4,7,8-HxCDD 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD HxCDDs (total) 1,2,3,4,6,7,8-HpCD	F D	Not Listed	NA N	ND(0.000000021) ND(0.000000021) ND(0.000000017) ND(0.0000000017) ND(0.0000000024) ND(0.0000000015) ND(0.0000000015) ND(0.0000000016) ND(0.0000000016) ND(0.0000000011) ND(0.0000000011) ND(0.0000000014) ND(0.0000000014) ND(0.0000000014) ND(0.0000000016) ND(0.0000000016) ND(0.00000000016) ND(0.00000000016) ND(0.00000000016) ND(0.00000000016) ND(0.00000000016) ND(0.00000000016) ND(0.00000000016) ND(0.00000000025) ND(0.00000000025) ND(0.00000000028) ND(0.00000000028) ND(0.00000000028) ND(0.00000000021)	ND(0.000000032) ND(0.000000032) ND(0.000000027) ND(0.0000000027) ND(0.0000000027) ND(0.0000000023) ND(0.0000000023) ND(0.0000000025) ND(0.0000000025) ND(0.0000000025) ND(0.0000000021) ND(0.0000000021) ND(0.0000000021) ND(0.0000000022) ND(0.0000000022) ND(0.0000000034) ND(0.0000000034) ND(0.0000000028) ND(0.0000000027) ND(0.0000000028) ND(0.0000000028) ND(0.0000000029) ND(0.0000000034) ND(0.0000000029)

COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004

	Sample ID:	Method 1 GW-3	111B	114B-R	GMA3-3
Parameter	Date Collected:	Standards	10/22/04	10/14/04	10/15/04
Inorganics-Unfil	Itered				
Arsenic		Not Applicable	NA	ND(0.0100)	0.0240
Barium		Not Applicable	NA	0.140 B	0.420
Chromium		Not Applicable	NA	ND(0.0075)	ND(0.010)
Cobalt		Not Applicable	NA	ND(0.0500)	ND(0.0500)
Copper		Not Applicable	NA	0.00180 B	ND(0.0250)
Cyanide		Not Applicable	NA	ND(0.0100)	0.00350 B
Lead		Not Applicable	NA	ND(0.00300)	0.000440 B
Nickel		Not Applicable	NA	0.0130 B	0.00180 B
Silver	Not Applicable		NA	ND(0.00500)	ND(0.00500)
Vanadium		Not Applicable		ND(0.0500)	ND(0.0500)
Zinc		Not Applicable	NA	0.0140 B	0.0140 B
Inorganics-Filte	red				
Arsenic		0.4	NA	ND(0.0100)	ND(0.0100)
Barium		30	NA	0.150 B	0.390
Chromium		2	NA	ND(0.010)	ND(0.0075)
Cobalt		Not Listed	NA	ND(0.0500)	ND(0.0500)
Copper		Not Listed	NA	ND(0.009)	ND(0.009)
Cyanide		0.01	NA	ND(0.0100)	0.00370 B
Lead		0.03	NA	ND(0.00300)	ND(0.00300)
Nickel		0.08	NA	ND(0.0400)	0.00280 B
Silver		0.007	NA	ND(0.00500)	ND(0.00500)
Vanadium		2	NA	ND(0.0500)	ND(0.0500)
Zinc		0.9	NA	ND(0.020)	ND(0.0200)

TABLE 7 COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004

Parameter	Sample ID: Date Collected:	Method 1 GW-3 Standards	GMA3-5 10/07/04	GMA3-6 10/07/04	GMA3-7 10/08/04
Volatile Organics	Date Concoted.	Otaridaids	10/01/04	10/01/04	10/00/04
1,1-Dichloroethane		50	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Benzene		7	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Chlorobenzene			ND(0.0050) [ND(0.0050)]	0.0033 J	ND(0.0050)
Toluene		0.5 50	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
PCBs-Unfiltered		00	112(0.0000)[112(0.0000)]	112 (0.0000)	112(0.0000)
Aroclor-1254		Not Applicable	0.000028 J [0.000027 J]	0.000029 J	0.000065
Aroclor-1260		Not Applicable	ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)
Total PCBs		Not Applicable	0.000028 J [0.000027 J]	0.000029 J	0.000065
PCBs-Filtered		110t / tppiloabio	0.0000200 [0.000027 0]	0.000020 0	0.00000
Aroclor-1254		Not Listed	0.000024 J [0.000024 J]	ND(0.000065)	0.000039 J
Aroclor-1260		Not Listed	ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.00065)
Total PCBs		0.0003	0.000024 J [0.000024 J]	ND(0.000065)	0.000039 J
Semivolatile Organ	nics	0.0000	0.00002 : 0 [0.00002 : 0]	112 (0.000000)	0.000000
1,2-Dichlorobenzen		8	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
1,4-Dichlorobenzen		8	ND(0.010) [ND(0.010)]	0.0030 J	ND(0.010)
2,4,5-Trichlorophen		0.1	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
2-Methylnaphthaler		3	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
3&4-Methylphenol		Not Listed	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Acenaphthene		5	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Anthracene		3	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Dibenzofuran		Not Listed	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Fluorene		3	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Naphthalene		6	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
N-Nitroso-di-n-prop	vlamine	Not Listed	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Phenanthrene	,	0.05	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Phenol		30	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Organochlorine Pe	esticides		(1 2 3/1 (1 2 3/1	(/	(/
None Detected					
Organophosphate	Pesticides				
None Detected					
Herbicides		L		l .	<u>I</u>
None Detected					
None Detected					
Furans					
Furans 2,3,7,8-TCDF		Not Listed	ND(0.0000000024) [ND(0.0000000025)]	ND(0.0000000020)	ND(0.0000000022)
Furans 2,3,7,8-TCDF TCDFs (total)		Not Listed Not Listed	ND(0.0000000024) [ND(0.0000000025)] ND(0.0000000024) [ND(0.0000000025)]	ND(0.0000000020) ND(0.0000000020)	ND(0.0000000022) ND(0.0000000022)
Furans 2,3,7,8-TCDF TCDFs (total) 1,2,3,7,8-PeCDF		Not Listed Not Listed Not Listed	ND(0.0000000024) [ND(0.0000000025)] ND(0.0000000024) [ND(0.0000000025)] ND(0.0000000038) [ND(0.0000000042)]	ND(0.0000000020) ND(0.0000000020) ND(0.0000000031)	ND(0.0000000022) ND(0.0000000022) ND(0.0000000032)
Furans 2,3,7,8-TCDF TCDFs (total) 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF		Not Listed Not Listed Not Listed Not Listed Not Listed	ND(0.0000000024) [ND(0.0000000025)] ND(0.0000000024) [ND(0.0000000025)] ND(0.0000000038) [ND(0.0000000042)] ND(0.0000000037) [ND(0.0000000041)]	ND(0.0000000020) ND(0.0000000020) ND(0.0000000031) ND(0.0000000030)	ND(0.0000000022) ND(0.0000000022) ND(0.0000000032) ND(0.0000000031)
Furans 2,3,7,8-TCDF TCDFs (total) 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF PeCDFs (total)		Not Listed Not Listed Not Listed Not Listed Not Listed Not Listed	ND(0.0000000024) [ND(0.0000000025)] ND(0.0000000024) [ND(0.0000000025)] ND(0.0000000038) [ND(0.0000000042)] ND(0.0000000037) [ND(0.0000000041)] ND(0.0000000038) [ND(0.0000000042)]	ND(0.0000000020) ND(0.0000000020) ND(0.0000000031) ND(0.0000000030) ND(0.0000000031)	ND(0.0000000022) ND(0.0000000022) ND(0.0000000032) ND(0.0000000031) ND(0.0000000032)
Furans 2,3,7,8-TCDF TCDFs (total) 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF PeCDFs (total) 1,2,3,4,7,8-HxCDF		Not Listed	ND(0.0000000024) [ND(0.0000000025)] ND(0.0000000024) [ND(0.0000000025)] ND(0.0000000038) [ND(0.0000000042)] ND(0.0000000037) [ND(0.0000000041)] ND(0.0000000038) [ND(0.0000000042)] ND(0.0000000038) [ND(0.00000000042)] ND(0.00000000041) [ND(0.0000000033)]	ND(0.0000000020) ND(0.0000000020) ND(0.0000000031) ND(0.0000000030) ND(0.0000000031) ND(0.0000000033)	ND(0.0000000022) ND(0.0000000022) ND(0.0000000032) ND(0.0000000031) ND(0.0000000032) ND(0.0000000032)
Furans 2,3,7,8-TCDF TCDFs (total) 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF PeCDFs (total) 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF		Not Listed	ND(0.0000000024) [ND(0.0000000025)] ND(0.0000000024) [ND(0.0000000025)] ND(0.0000000038) [ND(0.0000000042)] ND(0.0000000037) [ND(0.0000000041)] ND(0.0000000038) [ND(0.0000000042)] ND(0.0000000041) [ND(0.0000000033)] ND(0.0000000039) [ND(0.0000000031)]	ND(0.0000000020) ND(0.0000000020) ND(0.0000000031) ND(0.0000000030) ND(0.0000000031) ND(0.0000000033) ND(0.0000000033)	ND(0.000000022) ND(0.0000000022) ND(0.0000000032) ND(0.0000000031) ND(0.0000000032) ND(0.0000000032) ND(0.0000000028) ND(0.0000000027)
Furans 2,3,7,8-TCDF TCDFs (total) 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF PeCDFs (total) 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF		Not Listed	ND(0.0000000024) [ND(0.0000000025)] ND(0.0000000024) [ND(0.0000000025)] ND(0.0000000038) [ND(0.0000000042)] ND(0.0000000037) [ND(0.0000000041)] ND(0.0000000038) [ND(0.0000000042)] ND(0.0000000041) [ND(0.0000000033)] ND(0.0000000048) [ND(0.0000000033)] ND(0.0000000048) [ND(0.0000000039)]	ND(0.0000000020) ND(0.0000000020) ND(0.0000000031) ND(0.0000000030) ND(0.0000000031) ND(0.0000000033)	ND(0.0000000022) ND(0.0000000022) ND(0.0000000032) ND(0.0000000031) ND(0.0000000032) ND(0.0000000028) ND(0.0000000027) ND(0.0000000034)
Furans 2,3,7,8-TCDF TCDFs (total) 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF PeCDFs (total) 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF		Not Listed	ND(0.000000024) [ND(0.000000025)] ND(0.0000000024) [ND(0.0000000025)] ND(0.0000000038) [ND(0.0000000042)] ND(0.0000000037) [ND(0.0000000041)] ND(0.0000000038) [ND(0.0000000042)] ND(0.0000000041) [ND(0.0000000033)] ND(0.000000004) [ND(0.0000000031)] ND(0.0000000048) [ND(0.0000000039)] ND(0.0000000042) [ND(0.0000000034)]	ND(0.0000000020) ND(0.0000000020) ND(0.0000000031) ND(0.0000000030) ND(0.0000000031) ND(0.0000000033) ND(0.0000000031) ND(0.0000000033) ND(0.0000000033)	ND(0.000000022) ND(0.0000000022) ND(0.0000000032) ND(0.0000000031) ND(0.0000000032) ND(0.0000000032) ND(0.0000000028) ND(0.0000000027)
Furans 2,3,7,8-TCDF TCDFs (total) 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF PeCDFs (total) 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 2,3,4,6,7,8-HxCDF HxCDFs (total)	F	Not Listed	ND(0.000000024) [ND(0.000000025)] ND(0.0000000024) [ND(0.0000000025)] ND(0.0000000038) [ND(0.0000000042)] ND(0.0000000037) [ND(0.0000000041)] ND(0.0000000038) [ND(0.0000000042)] ND(0.0000000041) [ND(0.0000000033)] ND(0.0000000041) [ND(0.0000000033)] ND(0.0000000048) [ND(0.0000000039)] ND(0.0000000042) [ND(0.0000000034)] ND(0.0000000048) [ND(0.0000000039)]	ND(0.000000020) ND(0.000000020) ND(0.0000000031) ND(0.0000000030) ND(0.0000000031) ND(0.0000000033) ND(0.0000000033) ND(0.0000000034) ND(0.0000000034) ND(0.0000000039)	ND(0.0000000022) ND(0.0000000022) ND(0.0000000032) ND(0.0000000031) ND(0.0000000032) ND(0.0000000028) ND(0.0000000027) ND(0.0000000034) ND(0.0000000034) ND(0.0000000034)
Furans 2,3,7,8-TCDF TCDFs (total) 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF PeCDFs (total) 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 2,3,4,6,7,8-HxCDF		Not Listed	ND(0.000000024) [ND(0.000000025)] ND(0.0000000024) [ND(0.0000000025)] ND(0.0000000038) [ND(0.0000000042)] ND(0.0000000037) [ND(0.0000000041)] ND(0.0000000038) [ND(0.0000000042)] ND(0.0000000041) [ND(0.0000000033)] ND(0.000000004) [ND(0.0000000031)] ND(0.0000000048) [ND(0.0000000039)] ND(0.0000000042) [ND(0.0000000034)]	ND(0.000000020) ND(0.000000020) ND(0.0000000031) ND(0.0000000030) ND(0.0000000031) ND(0.0000000033) ND(0.0000000033) ND(0.0000000033) ND(0.0000000034)	ND(0.0000000022) ND(0.0000000022) ND(0.0000000032) ND(0.0000000031) ND(0.0000000032) ND(0.0000000028) ND(0.0000000027) ND(0.0000000034) ND(0.0000000030)
Furans 2,3,7,8-TCDF TCDFs (total) 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF PeCDFs (total) 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 2,3,4,6,7,8-HxCDF HxCDFs (total) 1,2,3,4,6,7,8-HpCD		Not Listed	ND(0.000000024) [ND(0.000000025)] ND(0.0000000024) [ND(0.0000000025)] ND(0.0000000038) [ND(0.0000000042)] ND(0.0000000037) [ND(0.0000000041)] ND(0.0000000038) [ND(0.0000000042)] ND(0.0000000041) [ND(0.0000000033)] ND(0.0000000041) [ND(0.0000000033)] ND(0.0000000048) [ND(0.0000000039)] ND(0.0000000042) [ND(0.0000000034)] ND(0.0000000048) [ND(0.0000000039)] ND(0.0000000048) [ND(0.0000000039)] ND(0.0000000048) [ND(0.0000000039)]	ND(0.000000020) ND(0.000000020) ND(0.0000000031) ND(0.0000000030) ND(0.0000000031) ND(0.0000000033) ND(0.0000000033) ND(0.0000000034) ND(0.0000000034) ND(0.0000000039) ND(0.0000000034) ND(0.0000000034)	ND(0.0000000022) ND(0.0000000022) ND(0.0000000032) ND(0.0000000031) ND(0.0000000032) ND(0.0000000028) ND(0.0000000027) ND(0.0000000034) ND(0.0000000034) ND(0.0000000034) ND(0.0000000034) ND(0.00000000034)
Furans 2,3,7,8-TCDF TCDFs (total) 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF PeCDFs (total) 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 2,3,4,6,7,8-HxCDF HxCDFs (total) 1,2,3,4,6,7,8-HpCD 1,2,3,4,6,7,8-HpCD 1,2,3,4,6,7,8-HpCD		Not Listed	ND(0.000000024) [ND(0.000000025)] ND(0.0000000024) [ND(0.0000000025)] ND(0.0000000038) [ND(0.0000000042)] ND(0.0000000037) [ND(0.0000000041)] ND(0.0000000038) [ND(0.0000000042)] ND(0.0000000041) [ND(0.0000000033)] ND(0.0000000041) [ND(0.0000000033)] ND(0.0000000048) [ND(0.0000000039)] ND(0.0000000042) [ND(0.0000000034)] ND(0.0000000048) [ND(0.0000000039)] ND(0.0000000048) [ND(0.0000000039)] ND(0.0000000048) [ND(0.0000000039)] ND(0.0000000039) [ND(0.0000000030)] ND(0.0000000037) [ND(0.0000000036)]	ND(0.000000020) ND(0.000000020) ND(0.0000000031) ND(0.0000000031) ND(0.0000000033) ND(0.0000000033) ND(0.0000000033) ND(0.0000000034) ND(0.0000000034) ND(0.0000000039) ND(0.0000000039) ND(0.0000000034) ND(0.0000000034) ND(0.00000000330)	ND(0.0000000022) ND(0.0000000022) ND(0.0000000032) ND(0.0000000031) ND(0.0000000032) ND(0.0000000028) ND(0.0000000027) ND(0.0000000034) ND(0.0000000034) ND(0.0000000034) ND(0.0000000034) ND(0.0000000035) ND(0.0000000035)
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TABLE 7 COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004

Sampl	e ID: Method 1 GW-3	GMA3-5	GMA3-6	GMA3-7
Parameter Date Collect		10/07/04	10/07/04	10/08/04
Inorganics-Unfiltered				
Arsenic	Not Applicable	ND(0.0100) [ND(0.0100)]	0.00530 B	ND(0.0100)
Barium	Not Applicable	0.0430 B [0.0430 B]	0.300	0.0860 B
Chromium	Not Applicable	ND(0.0100) [ND(0.0100)]	ND(0.0100)	0.00330 B
Cobalt	Not Applicable	0.00120 B [0.00160 B]	ND(0.0500)	ND(0.0500)
Copper	Not Applicable	ND(0.0250) [ND(0.0250)]	ND(0.0250)	ND(0.0250)
Cyanide	Not Applicable	ND(0.0100) [ND(0.0100)]	ND(0.010)	ND(0.0100)
Lead	Not Applicable	ND(0.00300) [ND(0.00300)]	ND(0.00300)	ND(0.00300)
Nickel	Not Applicable	0.00200 B [0.00210 B]	ND(0.0400)	ND(0.0400)
Silver	Not Applicable	ND(0.00500) [ND(0.00500)]	ND(0.00500)	ND(0.00500)
Vanadium	Not Applicable	ND(0.0500) [ND(0.0500)]	ND(0.0500)	ND(0.0500)
Zinc	Not Applicable	0.0150 B [0.0150 B]	0.0130 J	0.0180 J
Inorganics-Filtered				
Arsenic	0.4	ND(0.0100) [ND(0.0100)]	0.00490 B	ND(0.0100)
Barium	30	0.0460 B [0.0450 B]	0.290	0.0970 B
Chromium	2	ND(0.0100) [ND(0.0100)]	ND(0.0100)	0.00180 B
Cobalt	Not Listed	0.00150 B [ND(0.0500)]	ND(0.0500)	ND(0.0500)
Copper	Not Listed	ND(0.0250) [ND(0.0250)]	ND(0.0250)	ND(0.0250)
Cyanide	0.01	ND(0.0100) [ND(0.0100)]	ND(0.010)	ND(0.0100)
Lead	0.03	ND(0.00300) [ND(0.00300)]	ND(0.00300)	ND(0.00300)
Nickel	0.08	0.00250 B [0.00350 B]	ND(0.0400)	0.00150 B
Silver	0.007	ND(0.00500) [0.00100 B]	0.00160 B	0.00110 B
Vanadium	2	ND(0.0500) [ND(0.0500)]	ND(0.0500)	ND(0.0500)
Zinc	0.9	ND(0.020) [ND(0.020)]	ND(0.0200) J	ND(0.020) J

COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2004

GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in parts per million, ppm)

Notes:

- 1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of PCBs and Appendix IX+3 constituents.
- 2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved May 29, 2004 and resubmitted June 19, 2004).
- 3. NA Not Analyzed.
- 4. ND Analyte was not detected. The number in parentheses is the associated detection limit.
- 5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
- 6. With the exception of dioxin/furans, only those constituents detected in one or more samples are summarized.
- 7. Field duplicate sample results are presented in brackets.
- 8. -- Indicates that all constituents for the parameter group were not detected.
- 9. Shading indicates that value exceeds GW-3 Standards.

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles, pesticides, herbicides, dioxin/furans)

- J Indicates that the associated numerical value is an estimated concentration.
- R Data was rejected due to a deficiency in the data generation process.

Inorganic Parameters

- B Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
- J Indicates that the associated numerical value is an estimated concentration.

TABLE 8 COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLs FOR GROUNDWATEF BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 200-

Parameter	Sample ID: Date Collected:	UCL-GW Standards	6B-R 10/06/04	16B-R 10/07/04	51-14 10/07/04	78B-R 10/15/04
Volatile Organics	Duto Comociou.	Otaliaai ao	10/00/04	10/01/04	10/01/04	10/10/04
1,1-Dichloroethane		100	ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10)
Benzene		70	0.70	ND(0.0050) [ND(0.0050)]	ND(0.0050)	2.0
Carbon Disulfide		Not Listed	ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10)
Carbon Tetrachloride	2	100	ND(0.050)	ND(0.0050) [ND(0.0050)]	0.0014 J	ND(0.10)
Chlorobenzene	,	100	0.92	0.00052 J [0.00056 J]	ND(0.0050)	2.3
Chloroform		100	ND(0.050)	ND(0.0050) [ND(0.0050)]	0.0019 J	ND(0.10)
Ethylbenzene		100	ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10)
Toluene		100	0.038 J	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10)
Trichloroethene		100	ND(0.050)	0.00061 J [0.00064 J]	ND(0.0050)	ND(0.10)
PCBs-Unfiltered		100	14D(0.030)	0.000013 [0.000043]	ND(0.0030)	ND(0.10)
		Marchine	ND(0.00000F)	NIA	NIA.	0.00044
Aroclor-1254		Not Listed	ND(0.000065)	NA NA	NA NA	0.00041
Aroclor-1260		Not Listed	ND(0.000065)	NA	NA NA	0.000092
Total PCBs		0.005	ND(0.000065)	NA	NA	0.000502
PCBs-Filtered						
Aroclor-1254		Not Listed	ND(0.000065)	NA	NA	0.00029
Aroclor-1260		Not Listed	ND(0.000065)	NA	NA	0.000090
Total PCBs		0.005	ND(0.000065)	NA	NA	0.00038
Semivolatile Organ						
1,2-Dichlorobenzene)	100	0.0049 J	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.010)
1,3-Dichlorobenzene)	100	ND(0.010)	0.00069 J [0.00083 J]	ND(0.0050)	ND(0.010)
1,4-Dichlorobenzene)	100	0.055	0.0014 J [0.0016 J]	ND(0.0050)	0.0098 J
2,4,5-Trichloropheno	ol	2	ND(0.010)	NA	NA	0.0053 J
2-Methylnaphthalene)	100	ND(0.010)	NA	NA	0.021
3&4-Methylphenol		Not Listed	0.021	NA	NA	ND(0.010)
Acenaphthene		50	ND(0.010)	NA	NA	0.018
Anthracene		30	ND(0.010)	NA	NA	0.0028 J
Dibenzofuran		Not Listed	ND(0.010)	NA	NA	0.014
Fluorene		30	ND(0.010)	NA	NA	0.015
Naphthalene		60	0.0031 J	ND(0.0050) [ND(0.0050)]	ND(0.0050) J	0.035
N-Nitroso-di-n-propy	lamine	Not Listed	ND(0.010)	NA NA	NA	ND(0.010)
Phenanthrene		3	ND(0.010)	NA	NA	0.016
Phenol		100	0.021	NA	NA	0.0063 J
Organochlorine Pe	sticides					
None Detected				NA	NA	
Organophosphate	Pesticides				1	
None Detected	Journal			NA	NA	
Herbicides				14/ \	14/1	
None Detected				NA	NA	
Furans				INA	INA	
		N I I	NID (0.00000000)	N1A	1 110	ND(0.00000000)
2,3,7,8-TCDF		Not Listed	ND(0.0000000023)	NA NA	NA NA	ND(0.0000000025)
TCDFs (total)		Not Listed	ND(0.0000000023)	NA NA	NA	ND(0.0000000048)
1,2,3,7,8-PeCDF		Not Listed	ND(0.0000000041)	NA	NA	ND(0.0000000016)
2,3,4,7,8-PeCDF		Not Listed	ND(0.0000000039)	NA NA	NA	ND(0.0000000016)
PeCDFs (total)		Not Listed	ND(0.0000000041)	NA NA	NA	ND(0.0000000051)
1,2,3,4,7,8-HxCDF		Not Listed	ND(0.0000000033)	NA	NA	ND(0.000000059)
1,2,3,6,7,8-HxCDF		Not Listed	ND(0.0000000032)	NA	NA	ND(0.000000017)
1,2,3,7,8,9-HxCDF		Not Listed	ND(0.0000000039)	NA	NA	ND(0.0000000020)
2,3,4,6,7,8-HxCDF		Not Listed	ND(0.000000035)	NA	NA	ND(0.000000018)
HxCDFs (total)		Not Listed	ND(0.0000000039)	NA	NA	ND(0.000000087)
				NIA	NA	ND(0.0000000046)
1,2,3,4,6,7,8-HpCDF		Not Listed	ND(0.0000000023)	NA		(
1,2,3,4,7,8,9-HpCDF		Not Listed	ND(0.0000000028)	NA	NA	ND(0.000000035)
			,			(

TABLE 8 COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLs FOR GROUNDWATEF BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 200-

	Sample ID:	UCL-GW	6B-R	16B-R	51-14	78B-R
Parameter	Date Collected:	Standards	10/06/04	10/07/04	10/07/04	10/15/04
Dioxins						
2,3,7,8-TCDD		Not Listed	ND(0.000000026)	NA	NA	ND(0.000000014)
TCDDs (total)		Not Listed	ND(0.000000026)	NA	NA	ND(0.000000014)
1,2,3,7,8-PeCDD		Not Listed	ND(0.000000054)	NA	NA	ND(0.0000000025)
PeCDDs (total)		Not Listed	ND(0.000000054)	NA	NA	ND(0.0000000025)
1,2,3,4,7,8-HxCDE)	Not Listed	ND(0.0000000042)	NA	NA	ND(0.0000000021)
1,2,3,6,7,8-HxCDE)	Not Listed	ND(0.000000037)	NA	NA	ND(0.000000017)
1,2,3,7,8,9-HxCDD)	Not Listed	ND(0.000000038)	NA	NA	ND(0.000000018)
HxCDDs (total)		Not Listed	ND(0.0000000042)	NA	NA	ND(0.0000000021)
1,2,3,4,6,7,8-HpCI	OD	Not Listed	ND(0.000000046)	NA	NA	ND(0.0000000019)
HpCDDs (total)		Not Listed	ND(0.000000046)	NA	NA	ND(0.0000000021)
OCDD		Not Listed	0.0000013	NA	NA	ND(0.00000014)
Total TEQs (WHO	TEFs)	0.000001	0.000000065	NA	NA	0.000000034
Inorganics-Unfilte	ered					
Arsenic		4	ND(0.0100)	NA	NA	ND(0.0100)
Barium		100	0.0510 B	NA	NA	1.40
Chromium		20	0.00240 B	NA	NA	ND(0.0100)
Cobalt		Not Listed	ND(0.0500)	NA	NA	ND(0.0500)
Copper		Not Listed	0.00310 B	NA	NA	0.00160 B
Cyanide		2	ND(0.0100)	NA	NA	0.00170 B
Lead		0.3	ND(0.00300)	NA	NA	0.000890 B
Nickel		1	0.00470 B	NA	NA	0.00700 B
Silver		0.4	ND(0.00500)	NA	NA	ND(0.00500)
Vanadium		20	0.00290 B	NA	NA	ND(0.0500)
Zinc		20	0.0180 B	NA	NA	0.0250
Inorganics-Filtere	ed		•		•	•
Arsenic		4	0.00550 B	NA	NA	ND(0.0100)
Barium		100	0.0460 B	NA	NA	1.40
Chromium		20	0.00200 B	NA	NA	ND(0.0100)
Cobalt		Not Listed	ND(0.0500)	NA	NA	ND(0.0500)
Copper		Not Listed	0.00190 B	NA	NA	ND(0.009)
Cyanide		2	ND(0.0100)	NA	NA	0.00130 B
Lead		0.3	ND(0.00300)	NA	NA	ND(0.00300)
Nickel		1	0.00610 B	NA	NA	0.00700 B
Silver		0.4	ND(0.00500)	NA	NA	ND(0.00500)
Vanadium		20	0.00370 B	NA	NA	ND(0.0500)
Zinc		20	ND(0.020)	NA	NA	ND(0.0200)

COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLs FOR GROUNDWATEF BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004

	Sample ID:	UCL-GW	82B-R	89B	90B
Parameter	Date Collected:	Standards	10/08/04	10/14/04	10/07/04
Volatile Organics					
1,1-Dichloroethane		100	0.0010 J	ND(0.0050) [ND(0.050)]	ND(0.0050)
Benzene		70	0.0015 J	0.0014 J [0.079]	ND(0.0050)
Carbon Disulfide		Not Listed	ND(0.0050)	ND(0.0050) [ND(0.050)]	ND(0.0050)
Carbon Tetrachlorid	е	100	ND(0.0050)	ND(0.0050) [ND(0.050)]	ND(0.0050)
Chlorobenzene		10	ND(0.0050)	0.010 J [0.56 J]	ND(0.0050)
Chloroform		100	ND(0.0050)	ND(0.0050) [ND(0.050)]	ND(0.0050)
Ethylbenzene		100	ND(0.0050)	ND(0.0050) [ND(0.050)]	ND(0.0050)
Toluene		100	ND(0.0050)	ND(0.0050) [ND(0.050)]	ND(0.0050)
Trichloroethene		100	ND(0.0050)	ND(0.0050) [ND(0.050)]	ND(0.0050)
PCBs-Unfiltered	L		(0.0000)	(0.0000) [(0.000)]	(0.000)
Aroclor-1254		Not Listed	ND(0.000065)	0.00012 [0.000027 J]	ND(0.000065)
Aroclor-1260		Not Listed	ND(0.000065)	ND(0.000065) [ND(0.000065)]	ND(0.000065)
Total PCBs		0.005	ND(0.000065)	0.00012 [0.000027 J]	ND(0.000065)
PCBs-Filtered		0.003	ND(0.000003)	0.00012 [0.000027 3]	ND(0.000003)
		Machina	ND(0.00000F)	ND(0.00005) [ND(0.00005)]	ND(0.000005)
Aroclor-1254		Not Listed	ND(0.000065)	ND(0.000065) [ND(0.000065)]	ND(0.000065)
Aroclor-1260		Not Listed	ND(0.000065)	ND(0.000065) [ND(0.000065)]	ND(0.000065)
Total PCBs		0.005	ND(0.000065)	ND(0.000065) [ND(0.000065)]	ND(0.000065)
Semivolatile Organ					
1,2-Dichlorobenzen		100	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
1,3-Dichlorobenzen		100	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
1,4-Dichlorobenzen		100	ND(0.010)	ND(0.010) [0.0051 J]	ND(0.010)
2,4,5-Trichlorophen		2	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
2-Methylnaphthalen	е	100	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
3&4-Methylphenol		Not Listed	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
Acenaphthene		50	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
Anthracene		30	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
Dibenzofuran		Not Listed	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
Fluorene		30	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
Naphthalene		60	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
N-Nitroso-di-n-propy	/lamine	Not Listed	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
Phenanthrene		3	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
Phenol		100	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
Organochlorine Pe	sticides				
None Detected					
Organophosphate	Pesticides				
None Detected					
Herbicides					
None Detected					
Furans					
		N. d. d. d.	ND(0.0000000000)	NID (0.000000001) INID (0.000000010)	ND(0.000000000)
2,3,7,8-TCDF		Not Listed	ND(0.0000000019)	ND(0.0000000031) [ND(0.0000000019)]	ND(0.0000000022)
TCDFs (total)		Not Listed	ND(0.000000019)	ND(0.0000000031) [ND(0.0000000019)]	ND(0.0000000022)
1,2,3,7,8-PeCDF		Not Listed	ND(0.0000000029)	ND(0.0000000021) [ND(0.0000000015)]	ND(0.0000000032)
2,3,4,7,8-PeCDF		Not Listed	ND(0.0000000028)	ND(0.0000000021) [ND(0.0000000015)]	ND(0.0000000031)
PeCDFs (total)		Not Listed	ND(0.0000000029)	ND(0.000000034) [ND(0.000000017)]	ND(0.0000000032)
1,2,3,4,7,8-HxCDF		Not Listed	ND(0.000000028)	ND(0.000000031) [ND(0.0000000020)]	ND(0.0000000031)
1,2,3,6,7,8-HxCDF		Not Listed	ND(0.0000000026)	ND(0.0000000027) [ND(0.0000000018)]	ND(0.0000000029)
1,2,3,7,8,9-HxCDF		Not Listed	ND(0.000000033)	ND(0.0000000033) [ND(0.0000000022)]	ND(0.000000036)
2,3,4,6,7,8-HxCDF		Not Listed	ND(0.0000000029)	ND(0.0000000030) [ND(0.0000000020)]	ND(0.0000000032)
HxCDFs (total)		Not Listed	ND(0.000000033)	ND(0.0000000033) [ND(0.0000000022)]	ND(0.000000036)
1,2,3,4,6,7,8-HpCD		Not Listed	ND(0.0000000021)	ND(0.0000000015) [ND(0.00000000097)]	ND(0.0000000025)
1,2,3,4,7,8,9-HpCD	F	Not Listed	ND(0.0000000025)	ND(0.000000018) [ND(0.000000012)]	ND(0.0000000030)
HpCDFs (total)		Not Listed	ND(0.0000000025)	ND(0.000000018) [ND(0.000000012)]	ND(0.0000000030)
		Not Listed	ND(0.0000000048)	ND(0.0000000053) [ND(0.0000000037)]	ND(0.0000000052)

TABLE 8 COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLs FOR GROUNDWATEF BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 200-

Sample II		82B-R	89B	90B
Parameter Date Collecte	d: Standards	10/08/04	10/14/04	10/07/04
Dioxins				
2,3,7,8-TCDD	Not Listed	ND(0.000000033)	ND(0.0000000024) [ND(0.0000000015)]	ND(0.000000033)
TCDDs (total)	Not Listed	ND(0.000000033)	ND(0.0000000024) [ND(0.0000000015)]	ND(0.000000033)
1,2,3,7,8-PeCDD	Not Listed	ND(0.000000048)	ND(0.0000000034) [ND(0.0000000022)]	ND(0.000000054)
PeCDDs (total)	Not Listed	ND(0.000000048)	ND(0.000000034) [ND(0.000000022)]	ND(0.000000054)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.000000035)	ND(0.0000000049) [ND(0.000000032)]	ND(0.000000038)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000031)	ND(0.0000000039) [ND(0.0000000026)]	ND(0.000000034)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000032)	ND(0.0000000041) [ND(0.0000000027)]	ND(0.000000035)
HxCDDs (total)	Not Listed	ND(0.000000035)	ND(0.0000000049) [ND(0.000000032)]	ND(0.000000038)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.000000036)	ND(0.0000000029) [ND(0.0000000021)]	ND(0.0000000028)
HpCDDs (total)	Not Listed	ND(0.000000036)	ND(0.0000000029) [ND(0.0000000021)]	ND(0.0000000028)
OCDD	Not Listed	ND(0.0000000046)	ND(0.0000000037) [ND(0.0000000021)]	ND(0.000000051)
Total TEQs (WHO TEFs)	0.000001	0.0000000060	0.0000000049 [0.0000000032]	0.000000065
Inorganics-Unfiltered				
Arsenic	4	ND(0.0100)	ND(0.0100) [ND(0.0100)]	ND(0.0100)
Barium	100	0.0800 B	0.0620 B [0.0620 B]	0.0220 B
Chromium	20	0.00120 B	ND(0.0075) [ND(0.0075)]	0.00490 B
Cobalt	Not Listed	ND(0.0500)	ND(0.0500) [ND(0.0500)]	ND(0.0500)
Copper	Not Listed	ND(0.0250)	ND(0.0250) [0.00190 B]	ND(0.0250)
Cyanide	2	ND(0.0100)	ND(0.0100) [ND(0.0100)]	ND(0.0100)
Lead	0.3	ND(0.00300)	ND(0.00300) [ND(0.00300)]	0.00100 B
Nickel	1	0.00160 B	ND(0.0400) [ND(0.0400)]	0.00500 B
Silver	0.4	ND(0.00500)	0.00130 B [ND(0.00500)]	ND(0.00500)
Vanadium	20	ND(0.0500)	ND(0.0500) [ND(0.0500)]	ND(0.0500)
Zinc	20	0.0140 J	0.0130 B [0.0140 B]	0.0160 J
Inorganics-Filtered				•
Arsenic	4	ND(0.0100)	ND(0.0100) [ND(0.0100)]	ND(0.0100)
Barium	100	0.0750 B	0.0590 B [0.0610 B]	0.0230 B
Chromium	20	ND(0.0100)	ND(0.0075) [ND(0.010)]	0.00280 B
Cobalt	Not Listed	ND(0.0500)	ND(0.0500) [ND(0.0500)]	ND(0.0500)
Copper	Not Listed	ND(0.0250)	ND(0.0250) [ND(0.009)]	ND(0.0250)
Cyanide	2	ND(0.0100)	ND(0.0100) [ND(0.0100)]	ND(0.0100)
Lead	0.3	ND(0.00300)	0.000700 J [0.00130 J]	ND(0.00300)
Nickel	1	0.00220 B	ND(0.0400) [ND(0.0400)]	ND(0.0400)
Silver	0.4	0.00100 B	ND(0.00500) [ND(0.00500)]	ND(0.00500)
Vanadium	20	ND(0.0500)	ND(0.0500) [ND(0.0500)]	ND(0.0500)
Zinc	20	ND(0.020) J	ND(0.0200) [ND(0.020)]	ND(0.020) J

COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLS FOR GROUNDWATEF BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 200-

Sample ID: Parameter Date Collected:		95B-R 10/14/04	111B 10/22/04	114B-R 10/14/04	GMA3-2 10/06/04
Volatile Organics	Statiuarus	10/14/04	10/22/04	10/14/04	10/00/04
	100	ND(0.0050)	ND(0.00E0)	ND(0.050)	ND(0.00E0)
1,1-Dichloroethane	100 70	ND(0.0050)	ND(0.0050)	ND(0.050)	ND(0.0050)
Benzene		ND(0.0050)	ND(0.0050)	ND(0.050)	0.015
Carbon Disulfide	Not Listed	ND(0.0050)	ND(0.0050)	ND(0.050)	0.0012 J
Carbon Tetrachloride	100	ND(0.0050)	ND(0.0050)	ND(0.050)	ND(0.0050)
Chlorobenzene	10	0.077 J	ND(0.0050)	1.0	ND(0.0050)
Chloroform	100	ND(0.0050)	ND(0.0050)	ND(0.050)	ND(0.0050)
Ethylbenzene	100	ND(0.0050)	ND(0.0050)	ND(0.050)	0.0011 J
Toluene	100	ND(0.0050)	ND(0.0050)	ND(0.050)	ND(0.0050)
Trichloroethene	100	ND(0.0050)	ND(0.0050)	ND(0.050)	ND(0.0050)
PCBs-Unfiltered					
Aroclor-1254	Not Listed	ND(0.000065)	NA	ND(0.000065)	NA
Aroclor-1260	Not Listed	ND(0.000065)	NA	ND(0.000065)	NA
Total PCBs	0.005	ND(0.000065)	NA	ND(0.000065)	NA
PCBs-Filtered					
Aroclor-1254	Not Listed	ND(0.000065)	NA	ND(0.000065)	NA
Aroclor-1260	Not Listed	ND(0.000065)	NA	ND(0.000065)	NA
Total PCBs	0.005	ND(0.000065)	NA	ND(0.000065)	NA
Semivolatile Organics	•	. , , , ,		. , , ,	
1,2-Dichlorobenzene	100	ND(0.010) J	ND(0.0050)	ND(0.010)	ND(0.0050)
1,3-Dichlorobenzene	100	ND(0.010) J	ND(0.0050)	ND(0.010)	ND(0.0050)
1.4-Dichlorobenzene	100	ND(0.010) J	ND(0.0050)	0.030	0.0017 J
2,4,5-Trichlorophenol	2	R	NA	ND(0.010)	NA
2-Methylnaphthalene	100	ND(0.010) J	NA NA	ND(0.010)	NA NA
3&4-Methylphenol	Not Listed	R	NA NA	ND(0.010)	NA NA
Acenaphthene	50	ND(0.010) J	NA NA	ND(0.010)	NA NA
Anthracene	30	ND(0.010) J	NA NA	ND(0.010)	NA NA
Dibenzofuran	Not Listed	ND(0.010) J	NA NA	ND(0.010)	NA NA
Fluorene	30	ND(0.010) J	NA NA	ND(0.010)	NA NA
	60				
Naphthalene		ND(0.010)	ND(0.0050) J	ND(0.010)	ND(0.0050)
N-Nitroso-di-n-propylamine	Not Listed	ND(0.010) J	NA NA	0.0083 J	NA NA
Phenanthrene	3	ND(0.010) J	NA NA	ND(0.010)	NA NA
Phenol	100	R	NA	ND(0.010)	NA
Organochlorine Pesticides					
None Detected			NA		NA
Organophosphate Pesticides					
None Detected			NA		NA
Herbicides					
None Detected			NA		NA
Furans		•			
2,3,7,8-TCDF	Not Listed	ND(0.000000037)	NA	ND(0.0000000021)	NA
TCDFs (total)	Not Listed	ND(0.0000000037)	NA	ND(0.0000000021)	NA
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000023)	NA NA	ND(0.000000017)	NA NA
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000023)	NA NA	ND(0.0000000017)	NA NA
PeCDFs (total)	Not Listed	ND(0.0000000029)	NA NA	ND(0.0000000017)	NA NA
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000023)	NA NA	ND(0.0000000024)	NA NA
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000025)	NA NA	ND(0.0000000017)	NA NA
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000031)	NA NA	ND(0.0000000013)	NA NA
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000031)	NA NA	ND(0.0000000016)	NA NA
HxCDFs (total)	Not Listed	ND(0.0000000028)	NA NA	ND(0.000000018)	NA NA
		ND(0.0000000031)		ND(0.0000000018)	
1,2,3,4,6,7,8-HpCDF	Not Listed	(NA NA		NA NA
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000020)	NA NA	ND(0.0000000014)	NA NA
HpCDFs (total)	Not Listed	ND(0.0000000020)	NA NA	ND(0.0000000014)	NA
OCDF	Not Listed	ND(0.0000000057)	NA	ND(0.000000034)	NA

COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLs FOR GROUNDWATEF BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004

Sample ID:	UCL-GW	95B-R	111B	114B-R	GMA3-2
Parameter Date Collected:	Standards	10/14/04	10/22/04	10/14/04	10/06/04
Dioxins					
2,3,7,8-TCDD	Not Listed	ND(0.0000000022)	NA	ND(0.000000016)	NA
TCDDs (total)	Not Listed	ND(0.0000000022)	NA	ND(0.000000016)	NA
1,2,3,7,8-PeCDD	Not Listed	ND(0.000000036)	NA	ND(0.0000000025)	NA
PeCDDs (total)	Not Listed	ND(0.000000036)	NA	ND(0.0000000025)	NA
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.000000044)	NA	ND(0.000000028)	NA
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.000000036)	NA	ND(0.0000000022)	NA
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.000000037)	NA	ND(0.0000000023)	NA
HxCDDs (total)	Not Listed	ND(0.000000044)	NA	ND(0.000000028)	NA
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.000000031)	NA	ND(0.0000000021)	NA
HpCDDs (total)	Not Listed	ND(0.000000031)	NA	ND(0.0000000021)	NA
OCDD	Not Listed	ND(0.0000000029)	NA	ND(0.0000000025)	NA
Total TEQs (WHO TEFs)	0.000001	0.000000049	NA	0.000000033	NA
Inorganics-Unfiltered					
Arsenic	4	ND(0.0100)	NA	ND(0.0100)	NA
Barium	100	0.0640 B	NA	0.140 B	NA
Chromium	20	ND(0.0075)	NA	ND(0.0075)	NA
Cobalt	Not Listed	ND(0.0500)	NA	ND(0.0500)	NA
Copper	Not Listed	ND(0.0250)	NA	0.00180 B	NA
Cyanide	2	ND(0.0100)	NA	ND(0.0100)	NA
Lead	0.3	ND(0.00300)	NA	ND(0.00300)	NA
Nickel	1	ND(0.0400)	NA	0.0130 B	NA
Silver	0.4	ND(0.00500)	NA	ND(0.00500)	NA
Vanadium	20	ND(0.0500)	NA	ND(0.0500)	NA
Zinc	20	0.0130 B	NA	0.0140 B	NA
Inorganics-Filtered					
Arsenic	4	ND(0.0100)	NA	ND(0.0100)	NA
Barium	100	0.0660 B	NA	0.150 B	NA
Chromium	20	ND(0.010)	NA	ND(0.010)	NA
Cobalt	Not Listed	ND(0.0500)	NA	ND(0.0500)	NA
Copper	Not Listed	ND(0.009)	NA	ND(0.009)	NA
Cyanide	2	ND(0.0100)	NA	ND(0.0100)	NA
Lead	0.3	ND(0.00300)	NA	ND(0.00300)	NA
Nickel	1	ND(0.0400)	NA	ND(0.0400)	NA
Silver	0.4	ND(0.00500)	NA	ND(0.00500)	NA
Vanadium	20	ND(0.0500)	NA	ND(0.0500)	NA
Zinc	20	ND(0.020)	NA	ND(0.020)	NA

COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLs FOR GROUNDWATEF BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004

	Sample ID:	UCL-GW	GMA3-3	GMA3-4	GMA3-5
Parameter D	ate Collected:	Standards	10/15/04	10/08/04	10/07/04
Volatile Organics	•			•	
1,1-Dichloroethane		100	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Benzene		70	0.0031 J	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Carbon Disulfide		Not Listed	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Carbon Tetrachloride		100	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Chlorobenzene		10	0.020	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Chloroform		100	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Ethylbenzene		100	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Toluene		100	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Trichloroethene		100	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
PCBs-Unfiltered		100	142 (0.0000)	14D(0.0000)	[NE(0.0000) [NE(0.0000)]
		Not Listed	0.000046 J	NIA	0.000028 J [0.000027 J]
Aroclor-1254				NA NA	ND(0.000065) [ND(0.000065)]
Aroclor-1260		Not Listed	0.000017 J	NA NA	
Total PCBs		0.005	0.000063 J	NA	0.000028 J [0.000027 J]
PCBs-Filtered	ı				
Aroclor-1254		Not Listed	0.000053 J	NA	0.000024 J [0.000024 J]
Aroclor-1260		Not Listed	0.000022 J	NA	ND(0.000065) [ND(0.000065)]
Total PCBs		0.005	0.000075 J	NA	0.000024 J [0.000024 J]
Semivolatile Organics					
1,2-Dichlorobenzene		100	ND(0.010)	ND(0.0050)	ND(0.010) [ND(0.010)]
1,3-Dichlorobenzene		100	ND(0.010)	ND(0.0050)	ND(0.010) [ND(0.010)]
1,4-Dichlorobenzene		100	ND(0.010)	ND(0.0050)	ND(0.010) [ND(0.010)]
2,4,5-Trichlorophenol		2	ND(0.010)	NA	ND(0.010) [ND(0.010)]
2-Methylnaphthalene		100	0.0062 J	NA	ND(0.010) [ND(0.010)]
3&4-Methylphenol		Not Listed	ND(0.010)	NA	ND(0.010) [ND(0.010)]
Acenaphthene		50	0.015	NA	ND(0.010) [ND(0.010)]
Anthracene		30	ND(0.010)	NA	ND(0.010) [ND(0.010)]
Dibenzofuran		Not Listed	0.0065 J	NA	ND(0.010) [ND(0.010)]
Fluorene		30	0.0067 J	NA	ND(0.010) [ND(0.010)]
Naphthalene		60	0.0043 J	ND(0.0050)	ND(0.010) [ND(0.010)]
N-Nitroso-di-n-propylamin	е	Not Listed	ND(0.010)	NA	ND(0.010) [ND(0.010)]
Phenanthrene		3	0.0053 J	NA	ND(0.010) [ND(0.010)]
Phenol		100	ND(0.010)	NA NA	ND(0.010) [ND(0.010)]
Organochlorine Pesticio	los	100	142(0.010)	100	112(0.010) [112(0.010)]
None Detected	163			NA	
Organophosphate Pesti	oidos			INA	
	cides			NIA.	Ī
None Detected				NA	
Herbicides			1		T
None Detected				NA	
Furans					
2,3,7,8-TCDF		Not Listed	ND(0.000000032)	NA	ND(0.0000000024) [ND(0.0000000025)]
TCDFs (total)		Not Listed	ND(0.000000032)	NA	ND(0.0000000024) [ND(0.0000000025)]
1,2,3,7,8-PeCDF		Not Listed	ND(0.0000000027)	NA	ND(0.0000000038) [ND(0.0000000042)]
2,3,4,7,8-PeCDF		Not Listed	ND(0.0000000027)	NA	ND(0.0000000037) [ND(0.0000000041)]
PeCDFs (total)		Not Listed	ND(0.0000000027)	NA	ND(0.000000038) [ND(0.0000000042)]
1,2,3,4,7,8-HxCDF		Not Listed	ND(0.0000000023)	NA	ND(0.000000041) [ND(0.0000000033)]
1,2,3,6,7,8-HxCDF		Not Listed	ND(0.0000000021)	NA	ND(0.0000000039) [ND(0.0000000031)]
1,2,3,7,8,9-HxCDF		Not Listed	ND(0.000000025)	NA	ND(0.0000000048) [ND(0.0000000039)]
2,3,4,6,7,8-HxCDF		Not Listed	ND(0.0000000023)	NA	ND(0.0000000042) [ND(0.0000000034)]
HxCDFs (total)		Not Listed	ND(0.0000000025)	NA	ND(0.0000000048) [ND(0.0000000039)]
` '		Not Listed	ND(0.000000017)	NA	ND(0.000000030) [ND(0.000000030)]
1,2,3,4,6,7,8-HpCDF					
		Not Listed	ND(0.0000000021)	NA	ND(0.0000000037) [ND(0.0000000036)]
1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF HpCDFs (total)		Not Listed Not Listed	ND(0.0000000021) ND(0.0000000021)	NA NA	ND(0.0000000037) [ND(0.0000000036)] ND(0.0000000037) [ND(0.0000000036)]

COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLs FOR GROUNDWATEF BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004

Sample ID:	UCL-GW	GMA3-3	GMA3-4	GMA3-5
Parameter Date Collected:	Standards	10/15/04	10/08/04	10/07/04
Dioxins		NE (2 222222)		
2,3,7,8-TCDD	Not Listed	ND(0.0000000022)	NA	ND(0.0000000030) [ND(0.0000000029)]
TCDDs (total)	Not Listed	ND(0.0000000022)	NA	ND(0.0000000030) [ND(0.0000000029)]
1,2,3,7,8-PeCDD	Not Listed	ND(0.000000034)	NA	ND(0.0000000055) [ND(0.0000000059)]
PeCDDs (total)	Not Listed	ND(0.000000034)	NA	ND(0.0000000055) [ND(0.0000000059)]
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.000000034)	NA	ND(0.0000000047) [ND(0.0000000045)]
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000027)	NA	ND(0.0000000042) [ND(0.0000000040)]
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000028)	NA	ND(0.0000000043) [ND(0.0000000041)]
HxCDDs (total)	Not Listed	ND(0.000000034)	NA	ND(0.0000000047) [ND(0.0000000045)]
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000029)	NA	ND(0.0000000050) [ND(0.0000000044)]
HpCDDs (total)	Not Listed	ND(0.0000000029)	NA	ND(0.0000000050) [ND(0.0000000044)]
OCDD	Not Listed	ND(0.000000032)	NA	ND(0.000000013) [ND(0.0000000045)]
Total TEQs (WHO TEFs)	0.000001	0.000000046	NA	0.0000000070 [0.0000000070]
Inorganics-Unfiltered				
Arsenic	4	0.0240	NA	ND(0.0100) [ND(0.0100)]
Barium	100	0.420	NA	0.0430 B [0.0430 B]
Chromium	20	ND(0.010)	NA	ND(0.0100) [ND(0.0100)]
Cobalt	Not Listed	ND(0.0500)	NA	0.00120 B [0.00160 B]
Copper	Not Listed	ND(0.0250)	NA	ND(0.0250) [ND(0.0250)]
Cyanide	2	0.00350 B	NA	ND(0.0100) [ND(0.0100)]
Lead	0.3	0.000440 B	NA	ND(0.00300) [ND(0.00300)]
Nickel	1	0.00180 B	NA	0.00200 B [0.00210 B]
Silver	0.4	ND(0.00500)	NA	ND(0.00500) [ND(0.00500)]
Vanadium	20	ND(0.0500)	NA	ND(0.0500) [ND(0.0500)]
Zinc	20	0.0140 B	NA	0.0150 B [0.0150 B]
Inorganics-Filtered				
Arsenic	4	ND(0.0100)	NA	ND(0.0100) [ND(0.0100)]
Barium	100	0.390	NA	0.0460 B [0.0450 B]
Chromium	20	ND(0.0075)	NA	ND(0.0100) [ND(0.0100)]
Cobalt	Not Listed	ND(0.0500)	NA	0.00150 B [ND(0.0500)]
Copper	Not Listed	ND(0.009)	NA	ND(0.0250) [ND(0.0250)]
Cyanide	2	0.00370 B	NA	ND(0.0100) [ND(0.0100)]
Lead	0.3	ND(0.00300)	NA	ND(0.00300) [ND(0.00300)]
Nickel	1	0.00280 B	NA	0.00250 B [0.00350 B]
Silver	0.4	ND(0.00500)	NA	ND(0.00500) [0.00100 B]
Vanadium	20	ND(0.0500)	NA	ND(0.0500) [ND(0.0500)]
Zinc	20	ND(0.0200)	NA	ND(0.020) [ND(0.020)]

TABLE 8 COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLs FOR GROUNDWATEF BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 200-

	Sample ID:	UCL-GW	GMA3-6	GMA3-7	GMA3-8	GMA3-9	OBG-2
Parameter	Date Collected:	Standards	10/07/04	10/08/04	10/21/04	10/15/04	10/08/04
Volatile Organics							
1,1-Dichloroethane		100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Benzene		70	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon Disulfide		Not Listed	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon Tetrachloride	Э	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene		10	0.0033 J	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform		100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene		100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Toluene		100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene		100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
PCBs-Unfiltered							
Aroclor-1254		Not Listed	0.000029 J	0.000065	NA	NA	NA
Aroclor-1260		Not Listed	ND(0.000065)	ND(0.000065)	NA	NA	NA
Total PCBs		0.005	0.000029 J	0.000065	NA	NA	NA
PCBs-Filtered							
Aroclor-1254		Not Listed	ND(0.000065)	0.000039 J	NA	NA	NA
Aroclor-1260		Not Listed	ND(0.000065)	ND(0.000065)	NA	NA	NA
Total PCBs		0.005	ND(0.000065)	0.000039 J	NA	NA	NA
Semivolatile Organ	ics						•
1,2-Dichlorobenzene		100	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,3-Dichlorobenzene		100	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,4-Dichlorobenzene		100	0.0030 J	ND(0.010)	ND(0.0050)	ND(0.0050)	ND(0.0050)
2,4,5-Trichloropheno	ol	2	ND(0.010)	ND(0.010)	NA	NA	`NA
2-Methylnaphthalene		100	ND(0.010)	ND(0.010)	NA	NA	NA
3&4-Methylphenol		Not Listed	ND(0.010)	ND(0.010)	NA	NA	NA
Acenaphthene		50	ND(0.010)	ND(0.010)	NA	NA	NA
Anthracene		30	ND(0.010)	ND(0.010)	NA	NA	NA
Dibenzofuran		Not Listed	ND(0.010)	ND(0.010)	NA	NA	NA
Fluorene		30	ND(0.010)	ND(0.010)	NA	NA	NA
Naphthalene		60	ND(0.010)	ND(0.010)	0.0042 J	ND(0.0050)	ND(0.0050)
N-Nitroso-di-n-propy	lamine	Not Listed	ND(0.010)	ND(0.010)	NA	NA	NA
Phenanthrene		3	ND(0.010)	ND(0.010)	NA	NA	NA
Phenol		100	ND(0.010)	ND(0.010)	NA	NA	NA
Organochlorine Pe	sticides		,	,			
None Detected					NA	NA	NA
Organophosphate	Pesticides		ı				
None Detected					NA	NA	NA
Herbicides	J		ı				
None Detected					NA	NA	NA
Furans	·						
2,3,7,8-TCDF		Not Listed	ND(0.0000000020)	ND(0.0000000022)	NA	NA	NA
TCDFs (total)		Not Listed	ND(0.0000000020)	ND(0.0000000022)	NA NA	NA NA	NA NA
1,2,3,7,8-PeCDF		Not Listed	ND(0.0000000031)	ND(0.0000000022)	NA NA	NA NA	NA NA
2,3,4,7,8-PeCDF		Not Listed	ND(0.0000000031)	ND(0.0000000032)	NA NA	NA NA	NA NA
PeCDFs (total)		Not Listed	ND(0.0000000030)	ND(0.0000000031)	NA NA	NA NA	NA NA
1,2,3,4,7,8-HxCDF		Not Listed	ND(0.0000000031)	ND(0.0000000032)	NA NA	NA NA	NA NA
1,2,3,6,7,8-HxCDF		Not Listed	ND(0.0000000033)	ND(0.0000000027)	NA NA	NA NA	NA NA
1,2,3,7,8,9-HxCDF		Not Listed	ND(0.000000031)	ND(0.0000000027)	NA NA	NA NA	NA NA
2,3,4,6,7,8-HxCDF		Not Listed	ND(0.000000039)	ND(0.000000034)	NA NA	NA NA	NA NA
HxCDFs (total)		Not Listed	ND(0.000000034)	ND(0.000000034)	NA NA	NA NA	NA NA
1,2,3,4,6,7,8-HpCDF	:	Not Listed	ND(0.0000000039)	ND(0.0000000034)	NA NA	NA NA	NA NA
1,2,3,4,0,7,8-HpCDF		Not Listed	ND(0.0000000024)	ND(0.0000000025)	NA NA	NA NA	NA NA
HpCDFs (total)		Not Listed	ND(0.000000030)	ND(0.0000000025)	NA NA	NA NA	NA NA
OCDF		Not Listed	ND(0.0000000030)	ND(0.0000000051)	NA NA	NA NA	NA NA
OODF		INUL LISTER	14D(0.00000000046)	ו פטטטטטטטטטטטטטט)	INA	INA	INA

COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLs FOR GROUNDWATEF BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004

Sample ID		GMA3-6	GMA3-7	GMA3-8	GMA3-9	OBG-2
Parameter Date Collected	: Standards	10/07/04	10/08/04	10/21/04	10/15/04	10/08/04
Dioxins						
2,3,7,8-TCDD	Not Listed	ND(0.0000000031)	ND(0.0000000031)	NA	NA	NA
TCDDs (total)	Not Listed	ND(0.0000000031)	ND(0.000000031)	NA	NA	NA
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000059)	ND(0.000000056)	NA	NA	NA
PeCDDs (total)	Not Listed	ND(0.0000000059)	ND(0.0000000056)	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000040)	ND(0.000000036)	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.000000036)	ND(0.000000032)	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.000000037)	ND(0.000000033)	NA	NA	NA
HxCDDs (total)	Not Listed	ND(0.000000040)	ND(0.000000036)	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.000000035)	ND(0.000000039)	NA	NA	NA
HpCDDs (total)	Not Listed	ND(0.000000035)	ND(0.000000039)	NA	NA	NA
OCDD	Not Listed	ND(0.000000045)	ND(0.000000044)	NA	NA	NA
Total TEQs (WHO TEFs)	0.000001	0.000000067	0.000000065	NA	NA	NA
Inorganics-Unfiltered			<u> </u>		•	
Arsenic	4	0.00530 B	ND(0.0100)	NA	NA	NA
Barium	100	0.300	0.0860 B	NA	NA	NA
Chromium	20	ND(0.0100)	0.00330 B	NA	NA	NA
Cobalt	Not Listed	ND(0.0500)	ND(0.0500)	NA	NA	NA
Copper	Not Listed	ND(0.0250)	ND(0.0250)	NA	NA	NA
Cyanide	2	ND(0.010)	ND(0.0100)	NA	NA	NA
Lead	0.3	ND(0.00300)	ND(0.00300)	NA	NA	NA
Nickel	1	ND(0.0400)	ND(0.0400)	NA	NA	NA
Silver	0.4	ND(0.00500)	ND(0.00500)	NA	NA	NA
Vanadium	20	ND(0.0500)	ND(0.0500)	NA	NA	NA
Zinc	20	0.0130 J	0.0180 J	NA	NA	NA
Inorganics-Filtered			<u> </u>		•	
Arsenic	4	0.00490 B	ND(0.0100)	NA	NA	NA
Barium	100	0.290	0.0970 B	NA	NA	NA
Chromium	20	ND(0.0100)	0.00180 B	NA	NA	NA
Cobalt	Not Listed	ND(0.0500)	ND(0.0500)	NA	NA	NA
Copper	Not Listed	ND(0.0250)	ND(0.0250)	NA	NA	NA
Cyanide	2	ND(0.010)	ND(0.0100)	NA	NA	NA
Lead	0.3	ND(0.00300)	ND(0.00300)	NA	NA	NA
Nickel	1	ND(0.0400)	0.00150 B	NA	NA	NA
Silver	0.4	0.00160 B	0.00110 B	NA	NA	NA
Vanadium	20	ND(0.0500)	ND(0.0500)	NA	NA	NA
Zinc	20	ND(0.0200) J	ND(0.020) J	NA	NA	NA

COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLS FOR GROUNDWATER BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004

GROUNDWATER MANAGEMENT AREA : GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in parts per million, ppm)

Notes:

- 1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of PCBs and Appendix IX+3 constituents.
- 2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved May 29, 2004 and resubmitted June 19, 2004).
- 3. NA Not Analyzed.
- 4. ND Analyte was not detected. The number in parentheses is the associated detection limit.
- 5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
- 6. With the exception of dioxin/furans, only those constituents detected in one or more samples are summarized.
- 7. Field duplicate sample results are presented in brackets.
- 8. Indicates that all constituents for the parameter group were not detected.

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles, pesticides, herbicides, dioxin/furans)

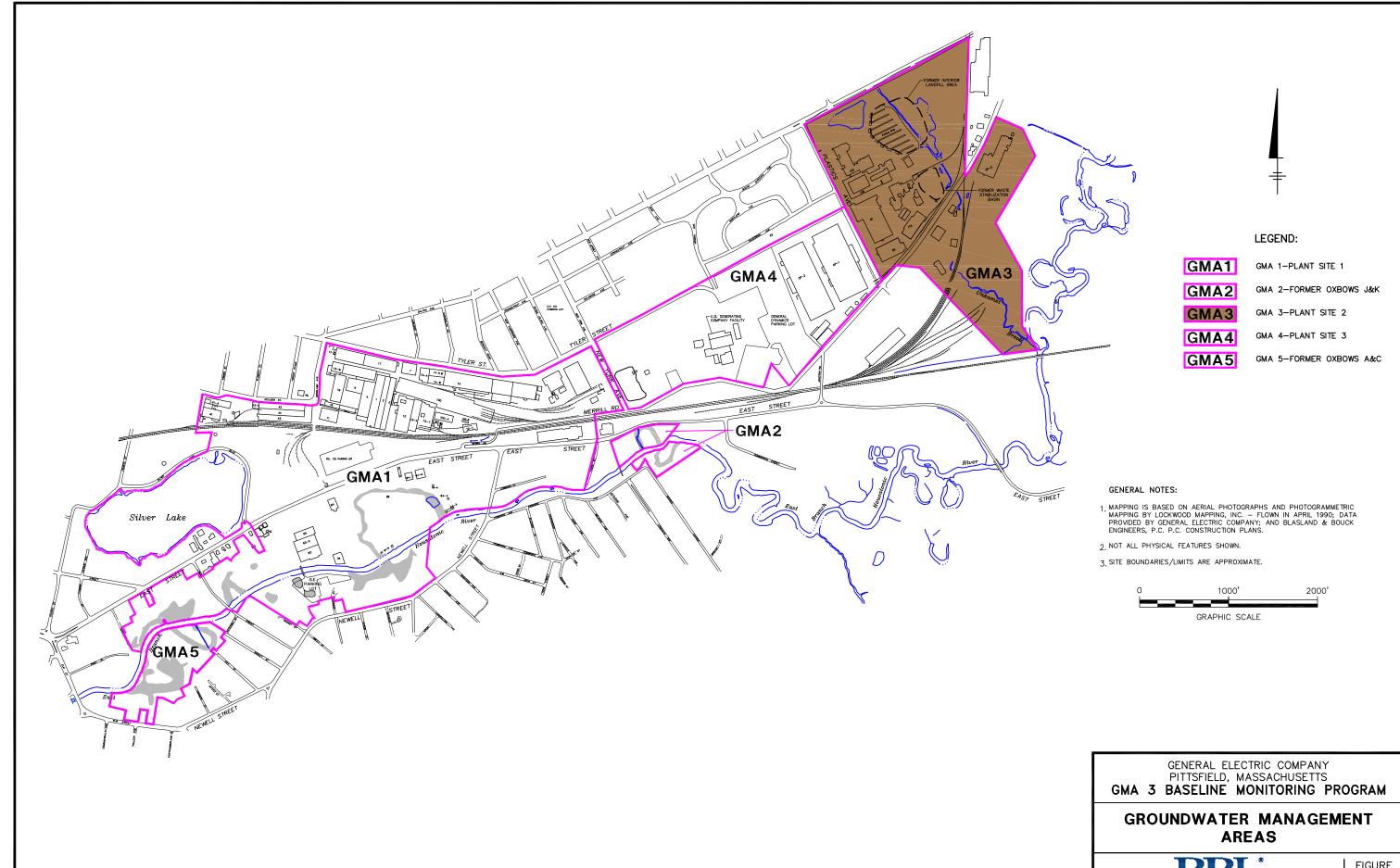
- J Indicates that the associated numerical value is an estimated concentration.
- R Data was rejected due to a deficiency in the data generation process.

Inorganic Parameters

- B Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
- J Indicates that the associated numerical value is an estimated concentration.

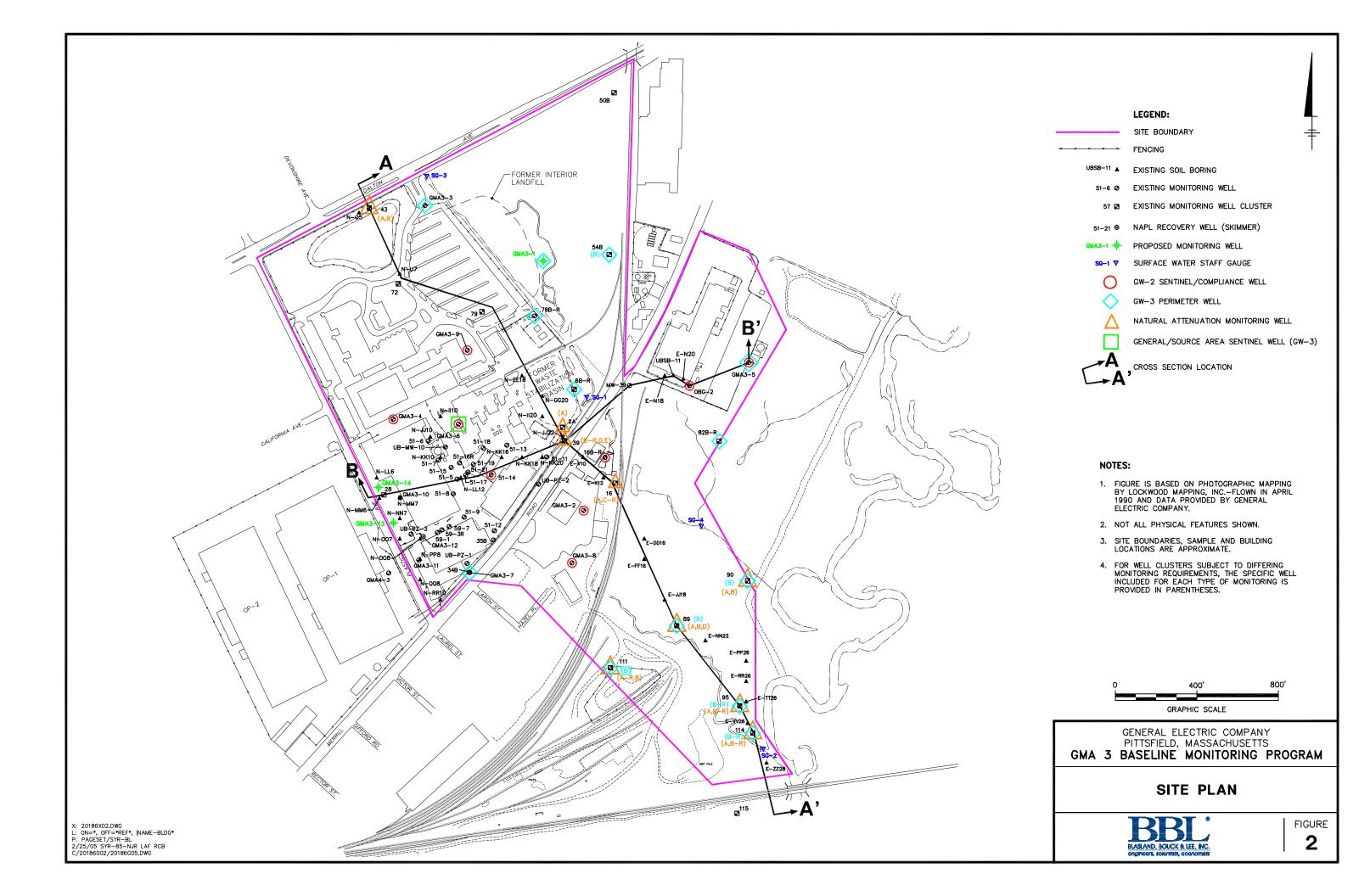
Figures

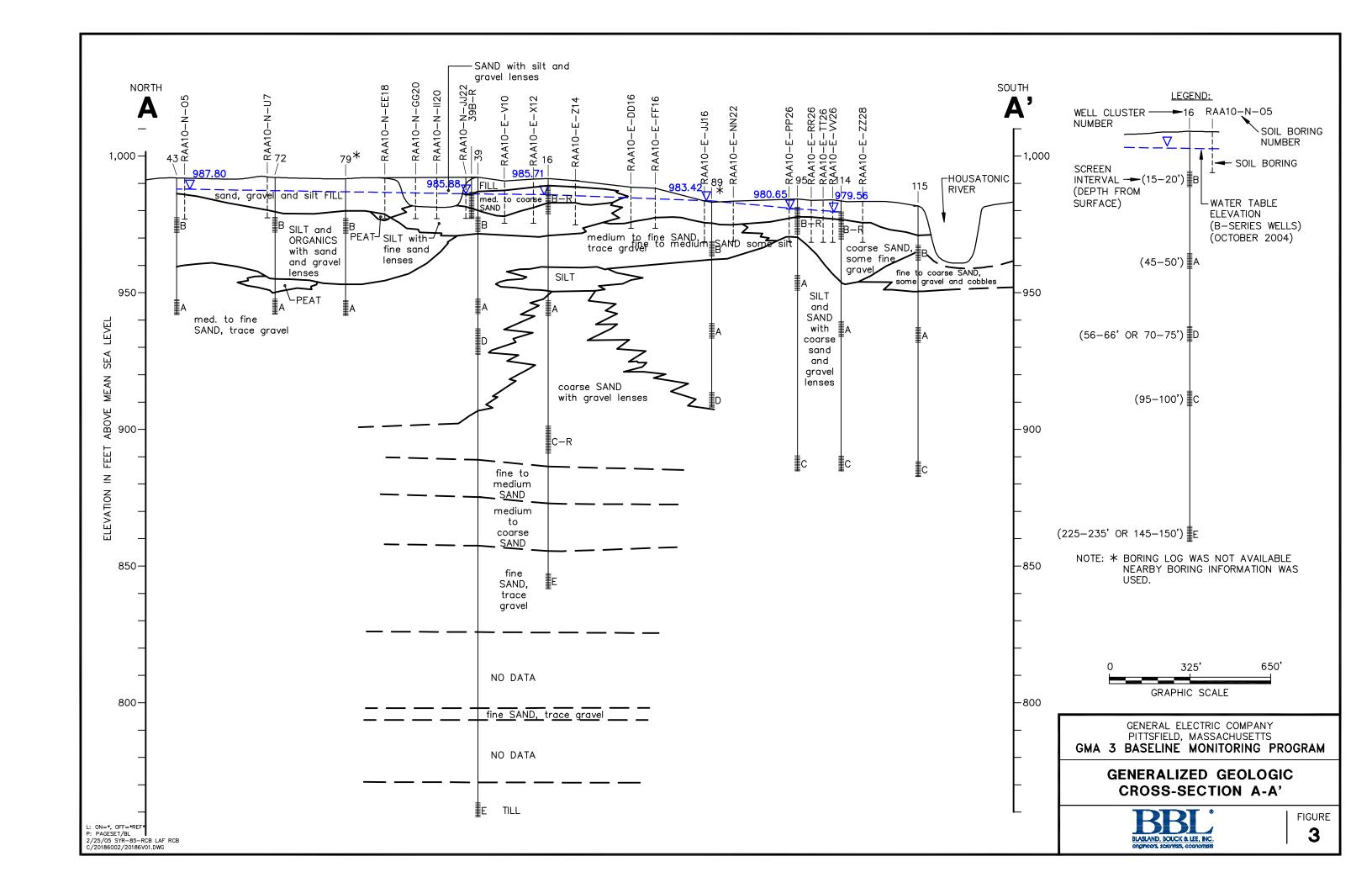


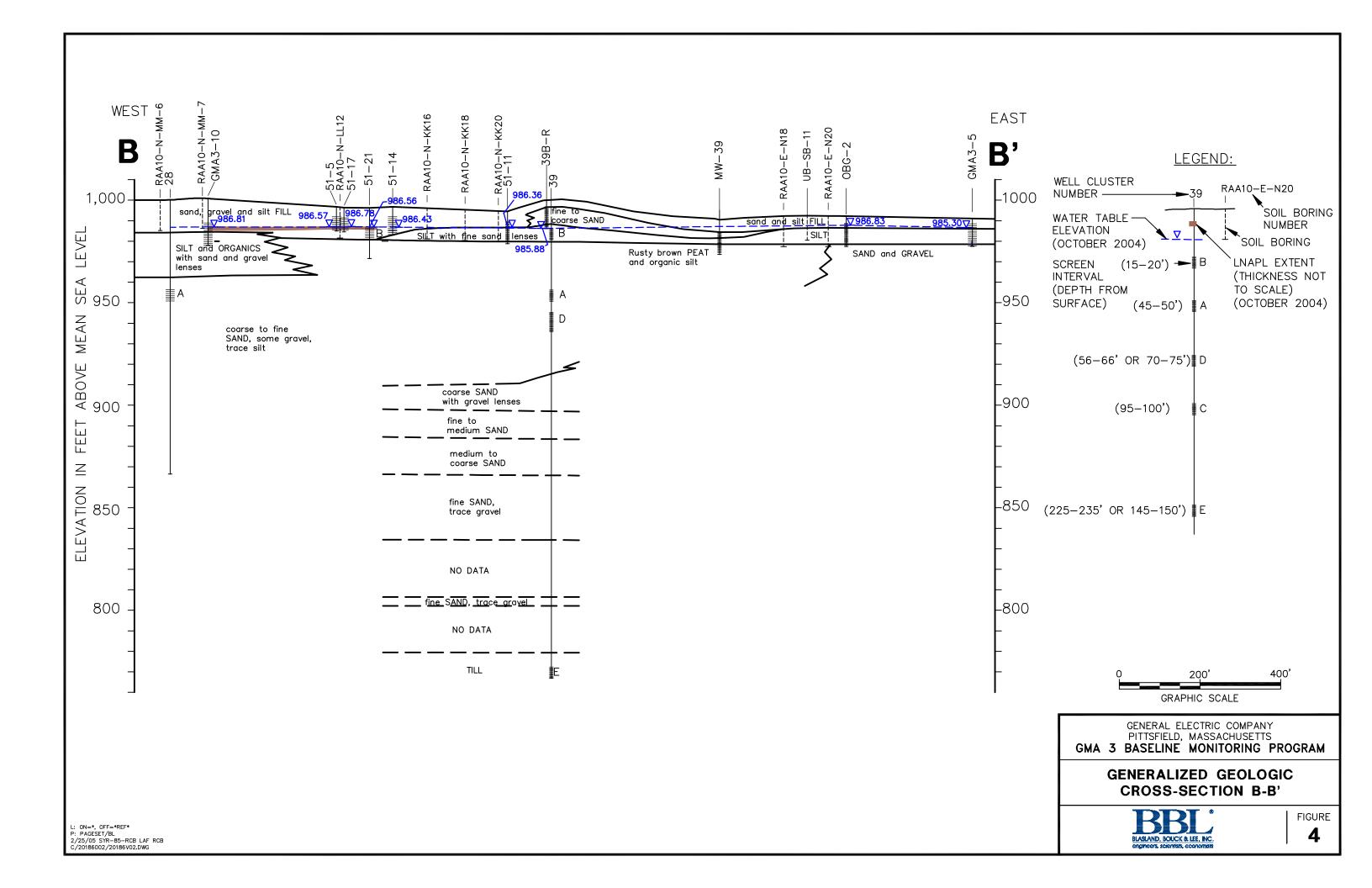


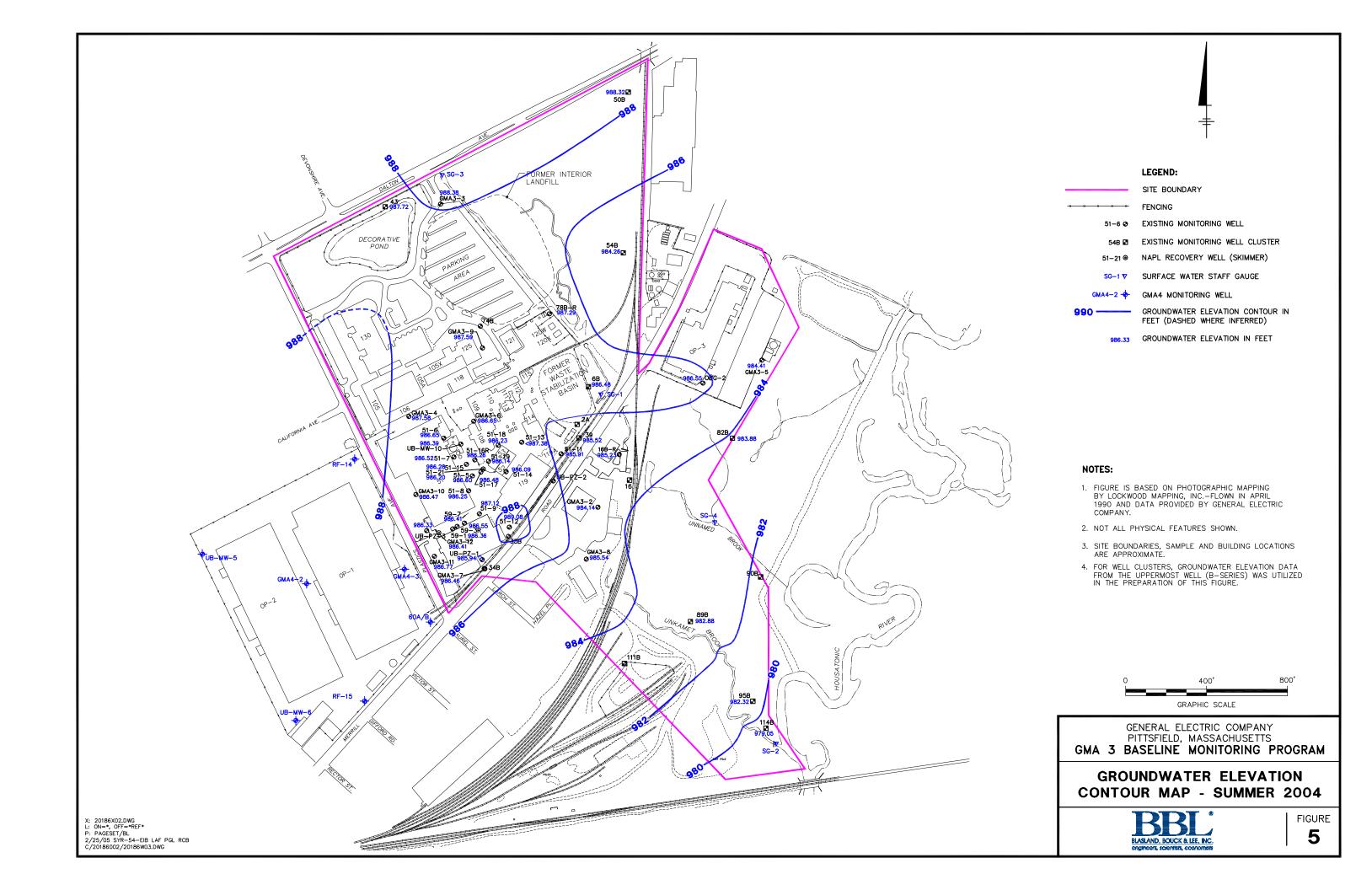
L: ON=*, OFF=*REF* P: PAGESET/BL 2/25/05 SYR-54-PGL LAF RCB C/20186002/20186G01.DWG FIGURE

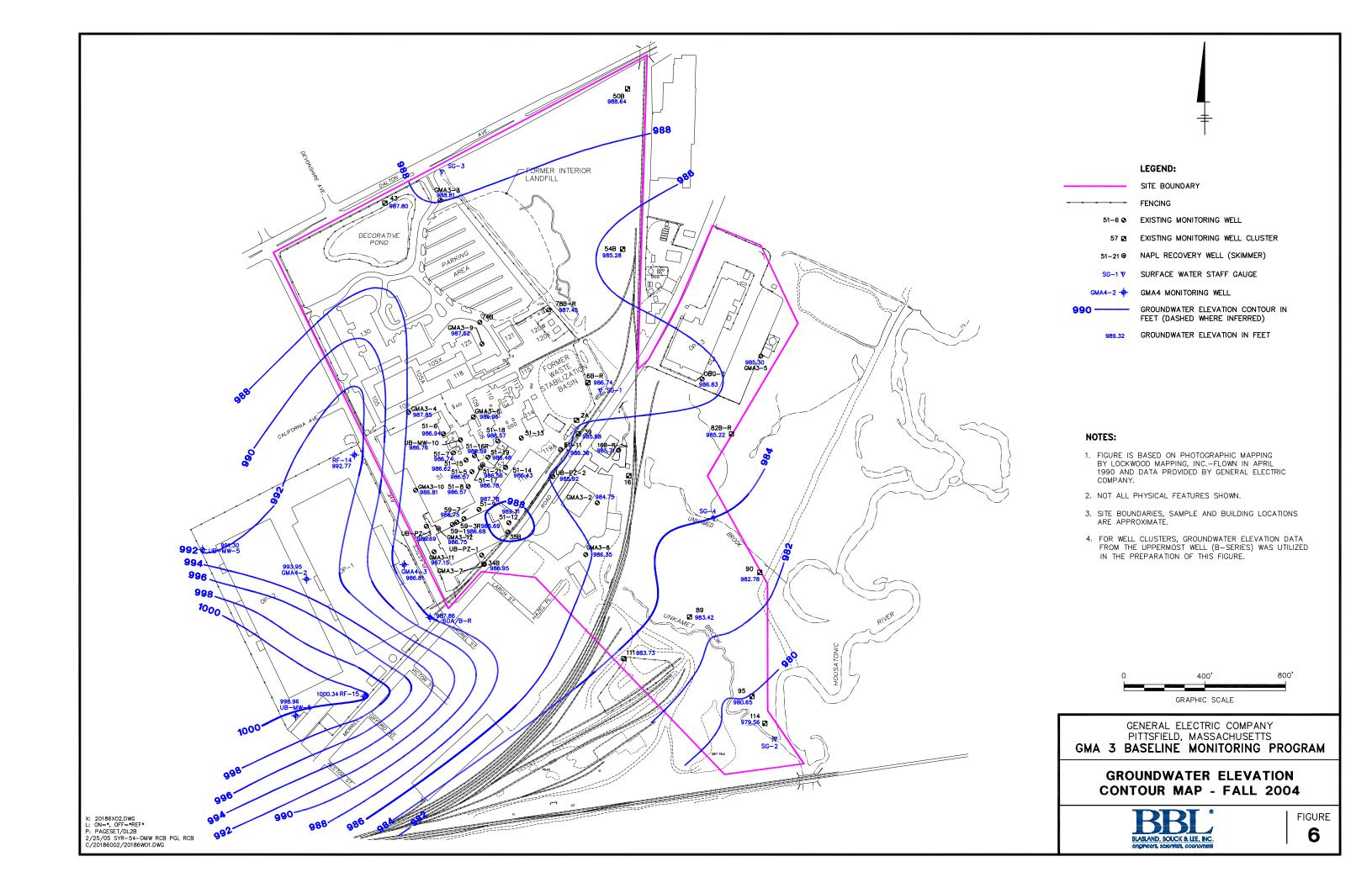
BLASLAND, BOUCK & LEE, INC. engineers, scientists, economists

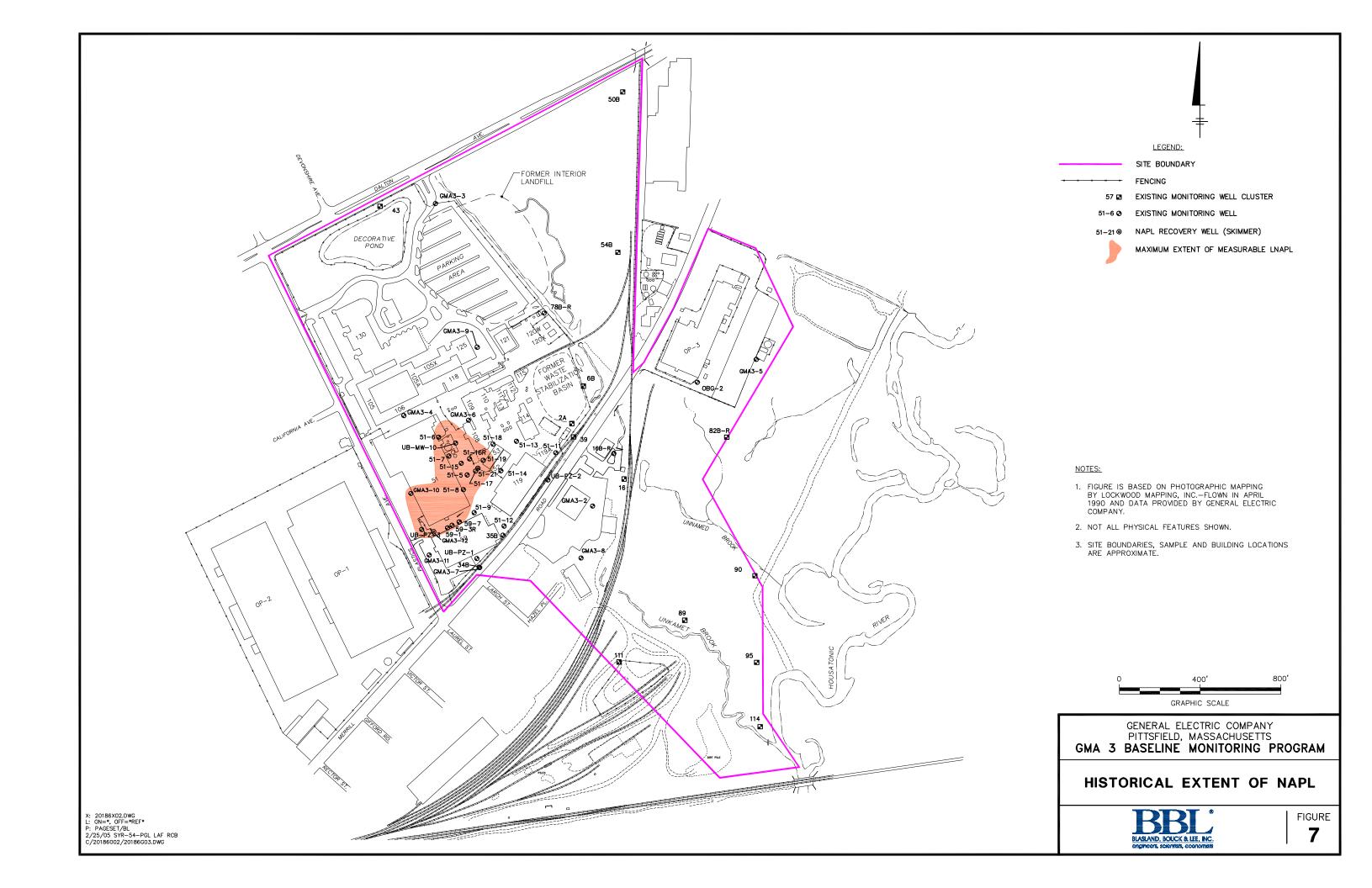


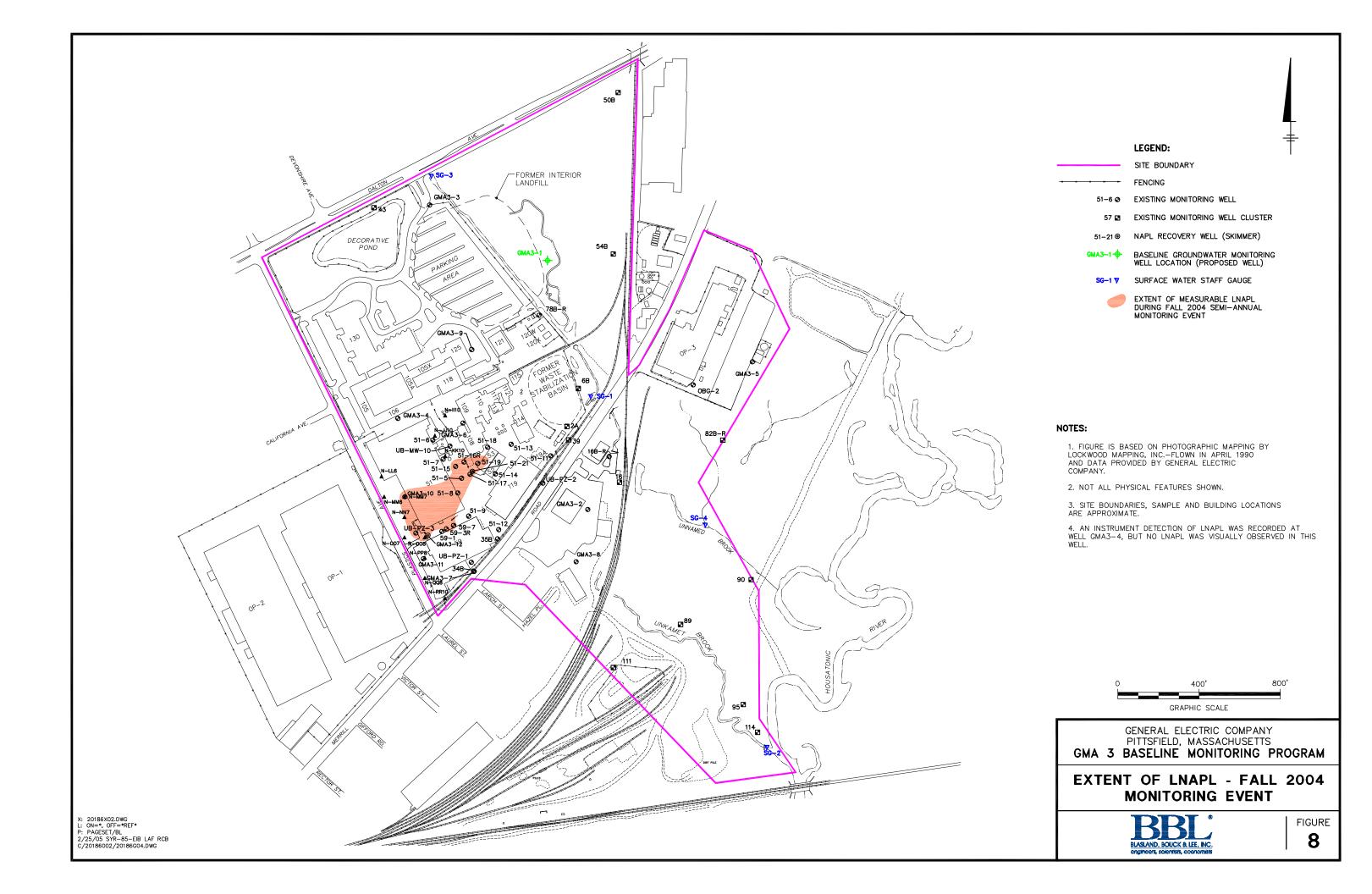












Appendices



Appendix A

Groundwater Monitoring Well Logs



Date Start/Finlsh: 8/10/04
Drilling Company: Parratt Wolff
Driller's Name: J. Robertson, M. Eaves
Drilling Method: Hollow Stem Auger

Bit Size: NA Auger Size: 4 1/4" Rig Type: CME 75

Sampling Method: 2" x 2' Split Spoon

Northing: 537191.5 Easting: 138910.0 Casing Elevation: 993.97

Borehole Depth: 12' below grade **Surface Elevation:** 991.4

Geologist: Katherine Murray

Well/Boring ID: 6B-R

Client: General Electric Company

Location: GMA 3

Pittsfield, MA

DEPTH	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Blows / 6 Inches	N - Value	Geologic Column	Stratigraphic Description	Well/Boring Construction
-					=				Locked Stick-Up Protective Casing (0.0' - 2.57' ags)
990	1	0-2	1.0	0.0	5 5 3 7	8		Brown fine SAND, trace Gravel and Organics (Roots), loose, non-plastic odorless, moist. Tan to olive very fine SAND, trace fine Gravel, loose, non-plastic, odorlmoist. Tan to orange fine to medium SAND, some fine Gravel, loose, non-plastic.	-0.5' bgs) less, Bentonite Seal (0.5' -2.0' bgs) -2" ID Sch. 40 PVC
-	2	2-4	2.0	0.0	7 9 10 7	19		odorless, moist. Dark brown very fine SAND, trace fine Gravel and Organics (Roots), lognon-plastic, odorless, moist. Wet at 2.6' bgs. Gray medium to coarse SAND, little fine Gravel and Silt, loose, non-pla odorless, moist.	Niser (1.5 ags - 2.0' bgs)
-5	3	4-6	0.4	0.0	12 15 17 18	32		Tan to brown fine to medium SAND, loose, non-plastic, odorless, moist	#0 Silica Sand — Pack (2.0' - 12.0' bgs)
985 -	4	6-8	0.5	0.0	50/0,4° 	NA		Brown fine SAND, trace fine Gravel, loose, non-plastic, odorless, moist Refusal at 6.5' bgs.	2" ID 0.010 Slot Sch. 40 PVC Screen (2.0' - 12.0' bgs)
10	5	8-10	0.8	0.0	3 4 3 4	7		Gray to brown SILT turning black at 8.6' to 8.8' bgs (possible staining), slightly dense, non-plastic, benzene-like odor, moist.	
980	6	10-12	2.0	0.0	2 2 2 2	4		Gray-brown SILT, slightly dense, non-plastic, slight odor. Wet at 10.5' bgs.	
	-								
- 15									
BLAS engir								Remarks: bgs = below ground surface, ags = above NA = Not Available/ Not Applicable.	e ground surface;
				-					

Project: 20186.01 Data File: 6B-R.dat Template: V:\GE_Pittsfield_CD_GMA_3\Notes and Data\Logs\SB_Well.ldf

Date: 12/27/04

Date Start/Finish: 8/9/04
Drilling Company: Parratt Wolff
Driller's Name: J. Robertson, M. Eaves
Drilling Method: Hollow Stem Auger

Bit Size: NA

Auger Size: 4 1/4" Rig Type: CME 75

Sampling Method: 2" x 2' Split Spoon

Northing: 536937.4 Easting: 139621.6 Casing Elevation: 990.25

Borehole Depth: 10' below grade **Surface Elevation:** 987.8

Geologist: Katherine Murray

Well/Boring ID: 82B-R

Client: General Electric Company

Location: GMA 3

Pittsfield, MA

DEPTH	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Blows / 6 Inches	N - Value	Geologic Column	Stratigraphic Description	Well/Boring Construction
990 -									Locked Stick-Up Protective Casing (0.0' - 2.45' ags)
-	1	0-2	1.2	0.0	1 2 1 2	3		Dark brown very fine SAND, some Silt, trace Organic material (Grass and Roots), loose to slightly dense, non-plastic, odorless, moist. Gray Sil.T, trace very fine Sand, moderately dense, non-plastic, odorless, moist to wet.	Concrete (0.0' - 0.5' bgs) Bentonite Seal (0.5' - 1.5' bgs) 2" ID Sch. 40 PVC Riser (1.5' ags - 2.0' bgs)
985	2	2-4	2	0.0	3 3 5 5	8		Tan very fine SAND and SILT, slightly dense, non-plastic, odorless, wet. Tan medium to coarse SAND, trace Silt, loose, non-plastic, odorless, wet.	2.0 095)
-5	3	4-6	1,1	0,0	1 2 1 4	3		Gray medium SAND, trace coarse and fine Sand and Silt, loose, non- plastic, odorless, wet. Gray-brown below 6.0' bgs.	#0 Monic Silica Sand Pack (1.5' - 10.0' bgs)
980	4	6-8	1.9	0.0	2 2 2 2	4	00	Gray coarse SAND and fine GRAVEL, trace medium Sand and Silt, loose, non-plastic, odorless, wet. Trace fine gravel below 8.0' bgs.	2* ID 0.010 slot Sch. 40 PVC Screen (2.0* - 10.0* bgs)
10	5	8-10	1,1	0.0	2 1 1 2	2	0000		
-	_								-
975	- - -								-
- 15						-	®	Remarks: bgs = below ground surface, ags = above gro	bund surface:
BLASLAND, BOUCK & LEE, INC. engineers, scientists, economists								NA = Not Available/ Not Applicable.	

Project: 20186.01 Data File: 82B-R.dat Template: V:\GE_Pittsfield_CD_GMA_3\Notes and Data\Logs\SB_Well.ldf

Page: 1 of 1

Date: 12/27/04

Date Start/Finish: 8/25/04

Drilling Company: Parratt Wolff
Driller's Name: Mickey Marshall, Brad Palmer

Drilling Method: Hollow Stem Auger

Bit Size: NA Auger Size: 4 1/4"

Rig Type: CME 850 Track-Mounted Rig Sampling Method: 2" x 2' Split Spoon Northing: 535637.2 Easting: 139722.3 Casing Elevation: 986.7

Borehole Depth: 13' below grade Surface Elevation: 984.3

Geologist: Kristina Gross

Well/Boring ID: 95B-R

Client: General Electric Company

Location: GMA 3

Pittsfield, MA

DEРТН	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Blows / 6 Inches	N - Value	Geologic Column	Stratigraphic Description	Well/Boring Construction
9	85 -									Locked Stick-Up Protective Casing (0.0' - 2.4' ags)
_	-	1	0-2	1.5	39.1	WOH/1' 1 2			Dark brown very fine SAND and SILT, soft, moist.	Concrete (0.0' - 0.5' bgs) Bentonite Seal (0.5' - 1.5' bgs)
-		2	2-4	0.6	42.2	2 2 2 2	4		Grayish-brown fine SAND, little Silt, trace Organics (Wood), soft, moist.	2" ID Sch. 40 PVC Riser (1.5' ags - 3.0' bgs)
-5	80 -	3	4-6	1.4	40.1	1/2'	NA		No Organics below 4.0' bgs. Dark grayish-brown fine SAND, some Silt, very loose, moist to wet. ORGANICS (WOOD and LEAVES), compacted.	#0 Moric Silica Sand Pack (1.5' - 13.0' bgs) 2" ID 0.010 Slot Sch. 40 PVC Screen (3.0' - 13.0'
-		4	6-8	2.0	50.3	1 1 1 2	2		Dark grayish-brown fine SAND, little to trace Silt, trace Organics, very loose, wet.	bgs) -
9	75 -	5	8-10	0.5	61.2	1 1 2 3	3		Gray fine to coarse SAND, little fine Gravel, loose, wet.	
	-	6	10-12	2.0	67.0	10 12 14 14	26		Grayish-brown fine to very fine SAND, some Silt, dense, wet.	
	_								Auger to 13.0' bgs without sampling.	
- 15	70 -									_
	BLASLAND, BOUCK & LEE, INC. engineers, scientists, economists							√ Ci	Remarks: bgs = below ground surface; ags = above gro NA = Not Available/ Not Applicable; WOH= Weight of Hammer.	und surface;

Project: 20186.01 Data File: 95B-R.dat Template: V:\GE_Pittsfield_CD_GMA_3\Notes and Data\Logs\SB_Well.ldf

Date: 12/28/04

Date Start/Finish: 8/9/04
Drilling Company: Parratt Wolff
Driller's Name: J. Robertson, M. Eaves
Drilling Method: Hollow Stem Auger

Bit Size: NA Auger Size: 4 1/4"

Rig Type: CME 75 Sampling Method: 2" x 2' Split Spoon Northing: 535824.1 Easting: 139087.8 Casing Elevation: 997.71

Borehole Depth: 50' below grade **Surface Elevation:** 995.1

Geologist: Katherine Murray

Well/Boring ID: 111A-R

Client: General Electric Company

Location: GMA 3

Pittsfield, MA

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Blows / 6 Inches	N - Value	Geologic Column	Stratigraphic Description	Well/Boring Construction
									Locked Stickup Protective Casing (0.0' - 2.61' ags)
-15 ₉₈₀	- - - - - -							Auger to 40.0' bgs without sampling.	Concrete (0.0' - 0.5' bgs) 2" ID Sch. 40 PVC Riser (1.5' ags - 40.0' bgs) Cement - Bentonite Grout (0.5' - 37.0' bgs)
BLAS engli	BLASLAND, BOUCK & LEE, INC. engineers, scientists, economists							Remarks: bgs = below ground surface, ags = above gro	ound surface;

Project: 20186.01 Data File: 111A-R.dat Template: V:\GE_Pittsfield_CD_GMA_3\Notes and Data\Logs\SB_well2004.ldf Date: 12/27/04

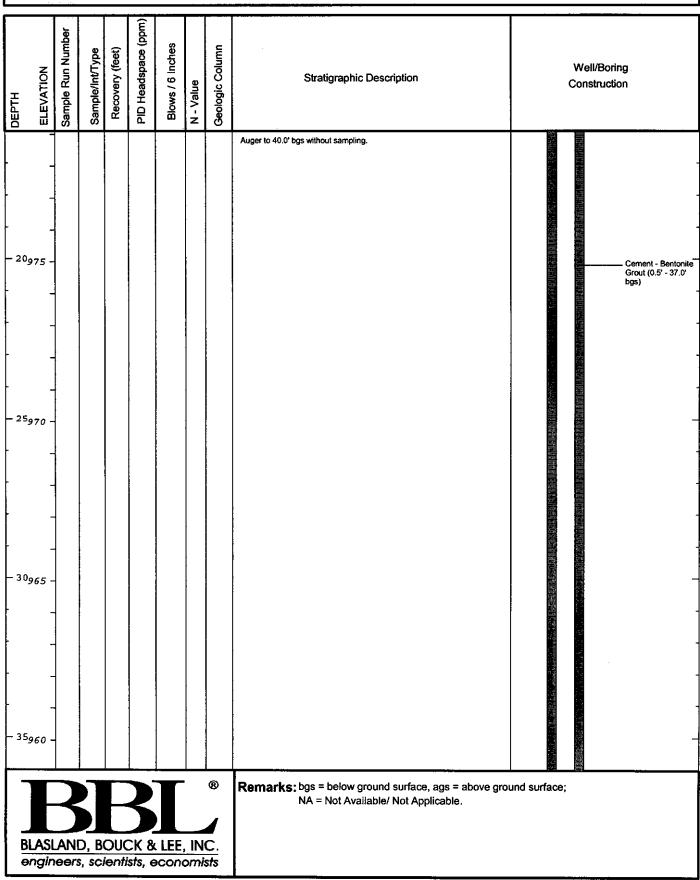
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Client:

General Electric Company

Site Location: GMA 3 Pittsfield, MA Well/Boring ID: 111A-R

Borehole Depth: 50' below grade



Project: 20186.01 Data File: 111A-R.dat Template: V:\GE_Pittsfield_CD_GMA_3\Notes and Data\Logs\SB_well2004.idf Date: 12/27/04

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Client:

General Electric Company

Site Location: GMA 3 Well/Boring ID: 111A-R

Borehole Depth: 50' below grade

Pittsfield, MA

ОЕРТН	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Blows / 6 Inches	N - Value	Geologic Column	Stratigraphic Description	Well/Boring Construction
-	-								Auger to 40.0' bgs without sampling.	Cement - Bentonite Grout (0.5' - 37.0' bgs) Bentonite Seal (37.0' - 39.0' bgs)
- 40 ₉	55 -	1	40-42	1.2	0.0	20 24 29 38	53		Brownish-tan fine SAND, trace Silt, very dense, non-plastic, odorless, wet.	#0 Moric Silica Sand Pack (39.0' - 50.0' bgs)
-		2	42-44	2.0	0,0	48 44 40 40	84	0.0.0.0	COBBLE.	
45 ₉	50 - -	3	44-46	1.2	0.0	15 17 29 31	46			2* ID 0.010 Slot Sch. 40 PVC Screen (40.0' - 50.0' bgs)
- - -	1.	4	46-48	0.2	0.0	27 50/0.4' 30	NA			
- 509	45 -	5	48-50	1.3	0.0	50/0.4'	NA		Brownish-tan fine SAND, little fine to medium Gravel, trace Silt, moderately dense, non-plastic, odorless, wet. [TILL]	
-	1									
- 55 ₉	40 -									- -
						LEE,			Remarks: bgs = below ground surface, ags = above ground su	ind surface;

Project: 20186.01 Data File: 111A-R.dat Template: V:\GE_Pittsfield_CD_GMA_3\Notes and Data\Logs\SB_well2004.idf

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Date: 12/27/04

Date Start/Finish: 8/26/04

Drilling Company: Parratt Wolfe
Driller's Name: Mickey Marshall, Brad Palmer

Drilling Method: Hollow Stem Auger

Bit Size: NA Auger Size: 4 1/4"

Rig Type: CME 850 Track-Mounted Rig Sampling Method: 2" x 2' Split Spoon

Northing: 535503.9 Easting: 139786.9 Casing Elevation: 985.94

Borehole Depth: 14' below grade

Surface Elevation: 983.5

Geologist: Kristina Gross

Well/Boring ID: 114B-R

Client: General Electric Company

Location: GMA 3

Pittsfield, MA

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Blows / 6 inches	N - Value	Geologic Column	Stratigraphic Description	Well/Boring Construction
985 -									Locked Stick-Up Protective Casing (0.0' - 2.44' ags)
_	1	0-2	1.4	2.9	1 2 2 1	l		Park brown SILT, little to some Organics (Wood and Roots), little fine land, loose, moist. Brown SILT and fine SAND, little Organics (Wood and Roots), loose, noist.	Concrete (0.0' - 0.5' bgs) Bentonite Seal (0.5' - 2.0' bgs)
980 -	2	2-4	1.0	4.2	2 2 2 2	4			2" ID Sch. 40 PVC Riser (1.5' ags - 2.0' bgs)
_ _5 _	3	4-6	1.0	1.3	WOH/1' 2 2	NA			#0 Moric Silica Sand Pack (2.0' - 14.0' bgs) 2" ID 0.010 Slot Sch. 40 PVC Screen (4.0' - 14.0'
_	4	6-8	1.2	1.0	3 3 2 2	5		Gray fine to coarse SAND, loose, wet.	bgs)
975 - - - 10	5	8-10	0.9	0.1	3 1 1 2	2			
	6	10-12	2,0	0.0	1 3 5 6	8		Gray fine SAND, little medium Sand, loose, wet.	
970 -	7	12-14	2.0	0.0	3 5 6	11		rown fine SAND and SILT, trace fine Gravel, loose, wet.	-
- - 15 -									
	BLASLAND, BOUCK & LEE, INC. engineers, scientists, economists							temarks: bgs = below ground surface, ags = above gro NA = Not Available/Not Applicable; WOH= Weight of Hammer.	ound surface;

Project: 20186.01 Data File: 114B-R.dat Template: V:\GE_Pittsfield_CD_GMA_3\Notes and Data\Logs\SB_Well.ldf

Date: 12/28/04

Appendix B

Field Sampling Data



			Samplin	g Method			
Well ID	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Comments
2A	PP/BA	NS	NS	NS	PP	NS	This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are collected during the fall rounds. Spring 2003: Sampling deferred due to property access issues at portions of the GMA.
6B-R	PP/BA	NS	NS	NS	NS	PP	Fall 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA. Spring 2004: Well found to be unusable and not sampled. Replacement well 6B-R to be installed. Fall 2004: Water level in well dropped below top of pump intake during purging - intake was lowered and well was successfully sampled.
16A	PP	NS	NS	NS	PP	NS	This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are collected during the fall rounds. Spring 2003: Sampling deferred due to property access issues at portions of the GMA.
16B-R	ВР	NS	NS	NS	ВР	BP	Spring 2002: Possible dissolved oxygen meter malfunction (readings decreased to zero during purging.) Fall 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA. Spring 2004: Water level in well dropped below top of bladder pump during purging and stabilized at unknown point above pump intake, could not measure.
16C	PP/BA	NS	NS	NS	NS	NS	This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are collected during the fall rounds. Spring 2003: Sampling deferred due to property access issues at portions of the GMA. Spring 2004: Well found to be unusable and not sampled. Replacement well 16C-R installed.

			Samplin	g Method			
Well ID	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Comments
16E	PP/BA	NS	NS	NS	NS	NS	This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are collected during the fall rounds. Spring 2003: Sampling deferred due to property access issues at portions of the GMA. Spring 2004: Well found to be unusable and not sampled. Location will be removed from the monitoring program.
39B-R	NS	NS	NS	NS	PP	NS	This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are collected during the fall rounds. Spring 2002: Well not sampled as installation was not completed prior to sampling event. Spring 2003: Sampling deferred due to property access issues at portions of the GMA.
39D	PP/BA	NS	NS	NS	PP	NS	This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are collected during the fall rounds. Spring 2003: Sampling deferred due to property access issues at portions of the GMA.
39E	PP/BA	NS	NS	NS	PP	NS	This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are collected during the fall rounds. Spring 2003: Sampling deferred due to property access issues at portions of the GMA. Spring 2004: Insufficient groundwater removed during initial sampling attempt to clear sample tubing. Analysis was cancelled and well was re-sampled, using smaller diameter tubing.
43A	PP	NS	NS	NS	PP	NS	This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are collected during the fall rounds. Spring 2003: Sampling deferred due to property access issues at portions of the GMA.

			Sampling	g Method			
Well ID	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Comments
43B	PP	NS	NS	NS	PP	NS	This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are collected during the fall rounds. Spring 2003: Sampling deferred due to property access issues at portions of the GMA.
51-14	ВР	NS	NS	NS	BP	ВР	Fall 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA.
54B	PP/BA	NS	NS	NS	NS	NS	Spring 2002: Bladder pump clogged due to high organic matter content in well, switched to peristaltic/bailer method. Unable to reduce turbidity below 50 NTU. Fall 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA. Spring 2004: Well found to be unusable and not sampled. Replacement well 54B-R to be installed.
78B-R	BP	PP	BP	BP	BP	ВР	Spring 2002: Dissolved oxygen meter malfunction. Fall 2002: Dissolved oxygen meter malfunction. Spring 2004: VOC samples received at laboratory above temperature criteria. Analysis cancelled and samples re-collected.
82B-R	NS	NS	NS	NS	NS	PP	Spring 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA. Spring 2004: Well found to be unusable and not sampled. Replacement well 82B-R to be installed.
89A	NS	NS	NS	NS	PP	NS	This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are collected during the fall rounds. Spring 2002 and Spring 2003: Sampling deferred due to property access issues at portions of the GMA.

			Sampling	g Method			
Well ID	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Comments
89B	NS	NS	NS	NS	PP	PP	Spring 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA.
							This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are collected during the fall rounds.
89D	NS	NS	NS	NS	NS	NS	Spring 2002 and Spring 2003: Sampling deferred due to property access issues at portions of the GMA. Spring 2004: Well found to be unusable and not sampled. Replacement well 89D-R to be installed.
90A	NS	NS	NS	NS	PP	NS	This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are collected during the fall rounds. Spring 2002 and Spring 2003: Sampling deferred due to property access issues at portions of the GMA.
90B	NS	NS	NS	NS	PP	PP	Spring 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA. Spring 2004: VOC samples received at laboratory above temperature criteria. Analysis cancelled and samples re-collected.
95A	NS	NS	NS	NS	PP	NS	This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are collected during the fall rounds. Spring 2002 and Spring 2003: Sampling deferred due to property access issues at portions of the GMA.

			Sampling	g Method			
Well ID	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Comments
95B-R	NS	NS	NS	NS	NS	PP	Spring 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA. Spring 2004: Well found to be unusable and not sampled. Replacement well 95B-R to be installed.
							This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are collected during the fall rounds.
95C	NS	NS	NS	NS	NS	NS	Spring 2002 and Spring 2003: Sampling deferred due to property access issues at portions of the GMA. Spring 2004: Well found to be unusable and not sampled. Location will be removed from the monitoring program.
							This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are collected during the fall rounds.
111A	NS	NS	NS	NS	NS	NS	Spring 2002 and Spring 2003: Sampling deferred due to property access issues at portions of the GMA. Spring 2004: Well found to be unusable and not sampled. Replacement well 111A-R to be
							installed. Spring 2002 through Fall 2003: Sampling deferred due to property access issues at portions
							of the GMA.
111B	NS	NS	NS	NS	BP	BP	Spring 2004: Water level in well dropped below top of bladder pump during purging and stabilized at unknown point above pump intake, could not measure.
							Fall 2004: Well dried during purging and recharged sufficient volume to collect VOC samples only (several sampling attempts made). Replacement well 111B-R to be installed.
114A	NS	NS	NS	NS	PP	NS	This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are collected during the fall rounds. Spring 2002 and Spring 2003: Sampling deferred due to property access issues at portions of the GMA.

			Sampling	g Method			
Well ID	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Comments
114B-R	NS	NS	NS	NS	ВР	BP	Spring 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA. Spring 2004: Well dried during purging, several sampling visits required to collect required sample volume.
114C	NS	NS	NS	NS	NS	NS	This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are collected during the fall rounds. Spring 2002 and Spring 2003: Sampling deferred due to property access issues at portions
							of the GMA. Spring 2004: Well found to be unusable and not sampled. Location will be removed from the monitoring program.
GMA3-1	NS	NS	NS	NS	NS	NS	Spring 2002 to Spring 2004: Well not sampled as installation has been deferred until rerouting of Unkamet Brook is completed.
GMA3-2	ВР	NS	NS	NS	ВР	BP	Spring 2002: Possible dissolved oxygen meter malfunction (readings decreased to zero during purging.) Fall 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA.
							Spring 2002: Well not sampled as installation was not completed prior to sampling event.
GMA3-3	NS	NS	NS	NS	PP	PP	Fall 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA.
GMA3-4	BP	NS	NS	NS	BP	BP	Fall 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA. Spring 2004: Unable to maintain turbidity below 50 NTU during purging.
GMA3-5	NS	NS	NS	NS	ВР	BP	Spring 2002: Well not sampled as installation was not completed prior to sampling event. Fall 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA.

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

			Sampling	g Method			
Well ID	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Comments
GMA3-6	ВР	NS	NS	NS	ВР	BP	Spring 2002: Possible dissolved oxygen meter malfunction (readings decreased to zero during purging.) Fall 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA.
GMA3-7	NS	NS	NS	NS	PP	BP	Spring 2002: Well not sampled as installation was not completed prior to sampling event. Fall 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA.
GMA3-8	NS	NS	NS	NS	PP	PP	Spring 2002: Well not sampled as installation was not completed prior to sampling event. Fall 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA.
GMA3-9	NS	NS	NS	NS	PP	PP	Spring 2002: Well not sampled as installation was not completed prior to sampling event. Fall 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA.
OBG-2	NS	NS	NS	NS	BP	BP	Spring 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA. Fall 2004: Unable to maintain turbidity below 50 NTU during purging.

NOTES:

BP - Bladder Pump

PP - Peristaltic Pump

SP - Submersible Pump

BA - Bailer

PP/BA - Peristaltic Pump with Bailer used for VOC sample collection

NS - Not Sampled

	د ممال	\ / \ /)			~ ~	44 2		
Well No.	<u>17100</u>	- (CD)	<u> </u>	Site	e/GMA Name	<u> </u>	1A-3		
Key No.		J537 ((PW)_	Sampli	ng Personnel	JA?	MAH		
PID Back	ground (ppm)				Date		104		
Well Hea	dspace (ppm)				Weather	Sunny	iwindu	<u>Scis</u>	
						ر	7		
WELL INFORM	ATION	_					Sample Time	_ 1522	
Reference	Point Marked?	YN		_			Sample ID	IOB-R	
Height of F	Reference Point		Meas. From	B65			Duplicate ID		
g	Well Diameter	7"					MS/MSD		
Screen	Interval Depth	7-17'	Meas. From	B(+S			Split Sample ID		
	er Table Depth	1. 42	Meas. From	-00			Opin Gampio 15		
wai	Well Depth	14 84 /	Meas. From	Tic		Required	Analytical	Parameters:	Collected
I anoth of	Water Column	2 12 -	MCDO: 1 TOTAL			•	<u> </u>	(Std. list)	(X)
		1.37901				(X)		•	• •
		0 7 7 7	Meas. From	TIC		()		(Exp. list)	()
intake Depth o	of Pump/Tubing		Meas. From			(X)		/OCs	(\mathbf{X})
						(X)		(Total)	(X)
Reference Point	t Identification:					(\mathbf{X})		Dissolved)	(X _)
TIC: Top of Inn	er (PVC) Casino	3				(X)	Metals/Inor	ganics (Total)	(X)
TOC: Top of O	uter (Protective)	Casing				(\mathbf{X})	Metals/Inorga	nics (Dissolved)	(X _)
Grade/BGS: Gr	ound Surface					(文)	PCDD	s/PCDFs	(X)
						(\mathscr{L})	Pesticides	s/Herbicides	(X)
Redevelop?	YN					(^)	Natural /	Attenuation	()
•	\circ					(X)	Other	(Specify)	,(' X')
EVACUATION I	NEORMATION						CYO	injue (frun	612
	mp Start Time	1413				(Sal	tide,	(X)
	•	17.70			Evenuation Mai	thad: Pailor /) Bladdor (way raina	ペプア
	ımp Stop Time	102			Evacuation Met		•		
	es of Pumping	24.684	. //		Peristaltic Pum		bmersible Pump(` `	ecify ()
	ater Removed	4.45 30	Q .			geopus		6020009	CX-3
Dic	i Well Go Dry?	λ (N),			Samples collec	ted by same me	thod as evacuation	n? Y N (specii	fy)
		_		11000	٠ ۵ ۸ ٥	C ~21	m292		
1	Water Quality M	eter Type(s) / Se	erial Numbers:	YSI-	SSG MP	<u>s 030</u>	0392		
1	Water Quality M	eter Type(s) / Se		YSI-	SG MP	5 03C	ver		
1	Water Quality M	eter Type(s) / Se	rial Numbers:	VSA Temp.	SCO MP CH TI PH	S 030	Turbidity	DO	ORP
Time						Sp. Cond. (mS/cm)	Turbidity (NTU)	(mg/l)	ORP (mV)
	Pump	Total	Water Level (ft TIC)	Temp.			Turbidity (NTU)	1	
	Pump Rate	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius)	рН	(mS/cm) [3%]*	Turbidity (NTU)	(mg/l) [10% or 0.1 mg/l]*	(mV)
Time	Pump Rate (L/min.)	Total Gallons	Water Level (ft TIC)	Temp. (Celsius)	рН	(mS/cm)	Turbidity (NTU) [10% or 1 NTU]*	(mg/l)	(mV)
Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	(mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]*	(mV)
Time	Pump Rate (L/min.) 200	Total Gallons Removed O. 2910	Water Level (ft TIC) 6.51 6.80	Temp. (Celsius) [3%]*	pH [0.1 units]*	(ms/cm) [3%]* 	Turbidity (NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]* ————————————————————————————————————	(mV) [10 mV]*
Time 1414 1420 1425 1430	Pump Rate (L/min.) 200	Total Gallons Removed O. 2910	Water Level (ft TIC) 6.51 6.80 7.05	Temp. (Celsius) [3%]*	pH [0.1 units]* 7.00 7.02	(ms/cm) [3%]* 	Turbidity (NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]* 	(mV) [10 mV]*
Time 1414 1420 1425 1430 1435	Pump Rate (L/min.) 200 150 150 100	Total Gallons Removed 0.2910 0.4894 0.6547 0.71870	Water Level (ft TIC) 6.51 6.80 7.05 7.21 7.37	Temp. (Celsius) [3%]* 17.(0 17.00 16.82	pH [0.1 units]* 7.00 7.02 7.01 6.91	(m\$/cm) [3%]* 0.5(0\text{\text{\$\sigma}} 0.57\text{\text{\$\sigma}} 0.589 0.594	Turbidity (NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]* 	(mV) [10 mV]*
Time 1414 1620 1425 1430 1435	Pump Rate (L/min.) 200	Total Gallons Removed 0.2910 0.4894 0.6547 0.71870 0.9523	Water Level (ft TIC) 6.51 6.80 7.05 7.21 7.37 7.55	Temp. (Celsius) [3%]* 17.10 17.00 16.82 16.76 16.19	pH [0.1 units]* 7.00 7.02 7.01 6.91 7.07	(ms/cm) [3%]* 0.5(e% 0.578 0.589 0.594 0.598	Turbidity (NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]* 	(mV) [10 mV]*
Time 1414 1420 1425 1430 1435	Pump Rate (L/min.) 200 150 150 125 100 125 125	Total Gallons Removed 0.2910 0.4894 0.6547 0.7870 0.79523	Water Level (ft TIC) 6.51 6.80 7.05 7.21 7.37 7.55 1.76	Temp. (Celsius) [3%]*	pH [0.1 units]* 7.00 7.02 7.01 6.91 7.07	(mS/cm) [3%]* 0.5(08 0.578 0.589 0.594 0.598 0.600	Turbidity (NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]* 8.14 1.0.5 0.93 0.79 6.71	(mV) [10 mV]*
Time 1414 1420 1425 1430 1435 1440 1445	Pump Rate (L/min.) 200 150 150 125 100 125 125 125	Total Gallons Removed 0.2910 0.4894 0.6547 0.71870 0.9523	Water Level (ft TIC) 6.51 6.80 7.05 7.21 7.37 7.55 1.76 7.92	Temp. (Celsius) [3%]* 17.10 17.00 16.82 16.79 16.79 16.93 16.92	pH [0.1 units]* 7.00 7.02 7.01 6.91 7.07 6.89 7.22	(mS/cm) [3%]* 0.5(e% 0.578 0.589 0.594 0.598 0.606 0.606	Turbidity (NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]*
Time 1414 1620 1425 1430 1435	Pump Rate (L/min.) 200 150 150 125 100 125 125 125 125	Total Gallons Removed 0.2910 0.4894 0.6547 0.7870 0.79523	Water Level (ft TIC) 6.51 6.80 7.05 7.21 7.37 7.55 7.76 7.92 8,05	Temp. (Celsius) [3%]* 17.10 17.00 16.82 16.76 16.79 16.93 16.93	pH [0.1 units]* 7.00 7.02 7.01 6.91 7.07 6.89 7.22 7.06	(mS/cm) [3%]* 0.5(eR) 0.578 0.589 0.594 0.598 0.606 0.606 0.607	Turbidity (NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]*
Time 1414 1420 1425 1430 1435 1445 1450 1455	Pump Rate (L/min.) 200 150 150 125 100 125 125 125	Total Gallons Removed 0.2910 0.4894 0.6547 0.7870 0.79523	Water Level (ft Tic) 6.51 6.80 7.05 7.21 7.37 7.55 7.76 7.92 8.05 8.78	Temp. (Celsius) [3%]* 17.10 17.00 16.82 16.76 16.79 16.93 16.93 17.04	pH [0.1 units]* 7.00 7.02 7.01 6.91 7.07 6.89 7.22	(mS/cm) [3%]* 0.5(eR) 0.578 0.589 0.594 0.598 0.606 0.606 0.605	Turbidity (NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]*
Time 1414 1420 1425 1430 1435 1440 1445	Pump Rate (L/min.) 200 150 150 125 100 125 125 125 125	Total Gallons Removed 0.2910 0.4894 0.6547 0.7870 0.9523 1.1176 1.2499 1.3822 1.945	Water Level (ft TIC) 6.5] 6.80 7.05 7.21 7.37 7.75 1.76 7.92 8.78 8.31	Temp. (Celsius) [3%]* 17.10 17.00 16.82 16.76 16.79 16.93 16.93 17.04 17.00	pH [0.1 units]* 7.00 7.02 7.01 6.91 7.07 6.89 7.22 7.06 6.99 7.28	(ms/cm) [3%]* 0.5/eR 0.578 0.589 0.594 0.598 0.606 0.605 0.605 0.605	Turbidity (NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]*
Time 1414 1420 1425 1430 1435 1440 1450 1455 1500 1505	Pump Rate (L/min.) 200 150 150 125 100 125 125 120 120 100 100	Total Gallons Removed 0.2910 0.4894 0.6547 0.7870 0.9523 1.1176 1.2499 1.3822 1.945 1.6468	Water Level (ft TIC) 6.51 6.80 7.05 7.21 7.37 7.55 1.76 7.92 8.05 8.78 8.31	Temp. (Celsius) [3%]* 17.10 17.00 16.82 16.76 16.79 16.93 16.93 17.04 17.00 11.74	pH [0.1 units]* 7.00 7.02 7.01 6.91 7.07 6.89 7.22 7.06 6.99 7.28 7.31	(mS/cm) [3%]* 0.5(eR) 0.578 0.589 0.594 0.598 0.606 0.606 0.605 0.605	Turbidity (NTU) (NTU) [10% or 1 NTU]* 4 3 3 3 3 4	(mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]*
Time 1414 1420 1425 1430 1435 1440 1450 1455 1500 1505	Pump Rate (L/min.) 200 150 150 125 100 125 125 120 120 100 100	Total Gallons Removed 0.2910 0.4894 0.6547 0.7870 0.9523 1.1176 1.2499 1.3822 1.945 1.6468	Water Level (ft TIC) 6.51 6.80 7.05 7.21 7.37 7.55 1.76 7.92 8.05 8.78 8.31	Temp. (Celsius) [3%]*	pH [0.1 units]* 7.00 7.02 7.01 6.91 7.07 6.89 7.22 7.06 6.99 7.23 7.06 6.99 7.23 7.06 6.99 7.23 7.06 6.99 7.23 7.06 6.99 7.28 7.31 collected at 3- to	(mS/cm) [3%]* 0.5(eR) 0.578 0.589 0.594 0.598 0.600 0.605 0.603 0.603	Turbidity (NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]* 8.14 1.0.5 0.93 0.79 6.7/ 6.5% 6.5(c) 0.95 0.49 ch column heading.	(mV) [10 mV]*
Time 1414 1420 1425 1435 1440 1445 1450 1500 1505 7510	Pump Rate (L/min.) 200 150 150 125 125 125 125 120 100 100 100 100 100 100 100	Total Gallons Removed 0.2910 0.4894 0.6547 0.7870 0.9523 1.1176 1.2499 1.3822 1.945 1.6468	Water Level (ft TIC) 6.51 6.80 7.21 7.37 7.55 1.76 7.92 8.05 8.73 8.72 ter (three consections	Temp. (Celsius) [3%]*	pH [0.1 units]* 7.00 7.02 7.01 6.91 7.07 6.89 7.22 7.06 6.99 7.28 7.31 collected at 3- tr	(mS/cm) [3%]* 0.5(eR) 0.578 0.589 0.594 0.598 0.600 0.605 0.603 0.603	Turbidity (NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]*
Time 1414 1420 1425 1435 1440 1445 1450 1500 1505 7510	Pump Rate (L/min.) 200 150 150 125 125 125 125 120 100 100 100 100 100 100 100	Total Gallons Removed 0.2910 0.4894 0.6547 0.7870 0.7870 1.176 1.2499 1.3822 1.945 1.1791 ach field paramet	Water Level (ft TIC) 6.51 6.80 7.21 7.37 7.55 1.76 7.92 8.05 8.73 8.72 ter (three consections	Temp. (Celsius) [3%]*	pH [0.1 units]* 7.00 7.02 7.01 6.91 7.07 6.89 7.22 7.06 6.99 7.23 7.06 6.99 7.23 7.06 6.99 7.23 7.06 6.99 7.23 7.06 6.99 7.28 7.31 collected at 3- to	(mS/cm) [3%]* 0.5(eR) 0.578 0.589 0.594 0.598 0.600 0.605 0.603 0.603	Turbidity (NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]* 8.14 1.0.5 0.93 0.79 6.7/ 6.5% 6.5(c) 0.95 0.49 ch column heading.	(mV) [10 mV]*
Time 1414 1420 1425 1430 1435 1440 1450 1500 1505 *The stabilization	Pump Rate (L/min.) 200 150 150 150 125 100 125 100 100 100 100 100 100 100 100 100 10	Total Gallons Removed 0.2910 0.4894 0.6547 0.7870 0.7870 1.176 1.2499 1.3822 1.945 1.1791 ach field paramet	Water Level (ft TIC) 6.51 6.80 7.21 7.37 7.55 1.76 7.92 8.05 8.73 8.72 ter (three consections	Temp. (Celsius) [3%]* 17.10 17.00 16.82 16.76 16.93 16.93 17.04 17.00 17.00	pH [0.1 units]* 7.00 7.02 7.01 6.91 7.07 6.89 7.22 7.06 6.99 7.23 7.24 7.06 6.99 7.25 7.26 6.99 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28	(mS/cm) [3%]* 0.5(eR) 0.578 0.589 0.594 0.598 0.600 0.605 0.603 0.603	Turbidity (NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]* 8.14 1.0.5 0.93 0.79 6.7/ 6.5% 6.5(c) 0.95 0.49 ch column heading.	(mV) [10 mV]*
Time 1414 1420 1425 1435 1440 1445 1450 1500 1505 7510	Pump Rate (L/min.) 200 150 150 150 125 100 125 100 100 100 100 100 100 100 100 100 10	Total Gallons Removed 0.2910 0.4894 0.6547 0.7870 0.7870 1.176 1.2499 1.3822 1.945 1.1791 ach field paramet	Water Level (ft TIC) 6.51 6.80 7.21 7.37 7.55 1.76 7.92 8.05 8.78 8.31 8.42 ter (three consecutions	Temp. (Celsius) [3%]* 17.10 17.00 16.82 16.76 16.93 16.93 17.04 17.00 17.00	pH [0.1 units]* 7.00 7.02 7.01 6.91 7.07 6.89 7.22 7.06 6.99 7.23 7.24 7.06 6.99 7.25 7.26 6.99 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28	(mS/cm) [3%]* 0.5(eR) 0.578 0.589 0.594 0.598 0.600 0.605 0.603 0.603	Turbidity (NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]* 8.14 1.0.5 0.93 0.79 6.7/ 6.5% 6.5(c) 0.95 0.49 ch column heading.	(mV) [10 mV]*
Time 1414 1420 1425 1430 1435 1440 1450 1500 1505 *The stabilization	Pump Rate (L/min.) 200 150 150 150 125 100 125 100 100 100 100 100 100 100 100 100 10	Total Gallons Removed 0.2910 0.4894 0.6547 0.7870 0.7870 1.176 1.2499 1.3822 1.945 1.1791 ach field paramet	Water Level (ft TIC) 6.51 6.80 7.21 7.37 7.55 1.76 7.92 8.05 8.78 8.31 8.42 ter (three consecutions	Temp. (Celsius) [3%]* 17.10 17.00 16.82 16.76 16.93 16.93 17.04 17.00 17.00	pH [0.1 units]* 7.00 7.02 7.01 6.91 7.07 6.89 7.22 7.06 6.99 7.23 7.24 7.06 6.99 7.25 7.26 6.99 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28	(mS/cm) [3%]* 0.5(eR) 0.578 0.589 0.594 0.598 0.600 0.605 0.603 0.603	Turbidity (NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]* 8.14 1.0.5 0.93 0.79 6.7/ 6.5% 6.5(c) 0.95 0.49 ch column heading.	(mV) [10 mV]*
Time 1414 1420 1425 1430 1435 1445 1450 1455 1500 *The stabilization OBSERVATION	Pump Rate (L/min.) 200 150 150 125 100 125 125 120 100 100 100 100 100 100 100 100 100	Total Gallons Removed 0.2910 0.4894 0.6547 0.7870 0.7870 1.176 1.2499 1.3822 1.945 1.1791 ach field paramet	Water Level (ft TIC) 6.51 6.80 7.21 7.37 7.55 1.76 7.92 8.05 8.78 8.31 8.42 ter (three consecutions	Temp. (Celsius) [3%]* 17.10 17.00 16.82 16.76 16.93 16.93 17.04 17.00 17.00	pH [0.1 units]* 7.00 7.02 7.01 6.91 7.07 6.89 7.22 7.06 6.99 7.23 7.24 7.06 6.99 7.25 7.26 6.99 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28	(mS/cm) [3%]* 0.5(eR) 0.578 0.589 0.594 0.598 0.600 0.605 0.603 0.603	Turbidity (NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]* 8.14 1.0.5 0.93 0.79 6.7/ 6.5% 6.5(c) 0.95 0.49 ch column heading.	(mV) [10 mV]*
Time 1414 1420 1425 1430 1435 1440 1455 1500 1505 *The stabilization OBSERVATION **SAMPLE DEST	Pump Rate (L/min.) 200 150 150 150 125 100 125 100 100 100 100 on criteria for earls/SAMPLING	Total Gallons Removed 0.2910 0.4894 0.6547 0.7870 0.7870 1.176 1.2499 1.3822 1.945 1.1791 ach field paramet	Water Level (ft TIC) 6.51 6.80 7.21 7.37 7.55 1.76 7.92 8.05 8.78 8.31 8.42 ter (three consecutions	Temp. (Celsius) [3%]* 17.10 17.00 16.82 16.76 16.93 16.93 17.04 17.00 17.00	pH [0.1 units]* 7.00 7.02 7.01 6.91 7.07 6.89 7.22 7.06 6.99 7.23 7.24 7.06 6.99 7.25 7.26 6.99 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28	(mS/cm) [3%]* 0.5(eR) 0.578 0.589 0.594 0.598 0.600 0.605 0.603 0.603	Turbidity (NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]* 8.14 1.0.5 0.93 0.79 6.7/ 6.5% 6.5(c) 0.95 0.49 ch column heading.	(mV) [10 mV]*
Time 1914 1420 1925 1935 1935 1945 1950 1500 *The stabilization OBSERVATION SAMPLE DEST Laboratory:	Pump Rate (L/min.) 200 150 150 150 125 100 125 100 100 100 100 ICO	Total Gallons Removed 0.2910 0.4894 0.6547 0.7870 0.7870 1.176 1.2499 1.3822 1.945 1.1791 ach field paramet	Water Level (ft TIC) 6.51 6.80 7.21 7.37 7.55 1.76 7.92 8.05 8.78 8.31 8.42 ter (three consecutions	Temp. (Celsius) [3%]* 17.10 17.00 16.82 16.76 16.93 16.93 17.04 17.00 17.00	pH [0.1 units]* 7.00 7.02 7.01 6.91 7.07 6.89 7.22 7.06 6.99 7.23 7.24 7.06 6.99 7.25 7.26 6.99 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28	(mS/cm) [3%]* 0.5(eR) 0.578 0.589 0.594 0.598 0.600 0.605 0.603 0.603	Turbidity (NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]* 8.14 1.0.5 0.93 0.79 6.7/ 6.5% 6.5(c) 0.95 0.49 ch column heading.	(mV) [10 mV]*
Time 1414 1420 1425 1430 1435 1445 1450 1455 1500 1505 *The stabilization OBSERVATION *A I(a(7)- Laboratory: Delivered Via:	Pump Rate (L/min.) 200 150 150 155 100 125 125 120 120 120 100 100 100 100 100 100 100	Total Gallons Removed 0.2910 0.4894 0.6547 0.7870 0.7870 1.176 1.2499 1.3822 1.945 1.1791 ach field paramet	Water Level (ft TIC) 6.51 6.80 7.21 7.37 7.55 1.76 7.92 8.05 8.78 8.31 8.42 ter (three consecutions	Temp. (Celsius) [3%]* 17.10 17.10 16.82 16.76 16.93 16.93 17.04 17.00 11.74 cutive readings	pH [0.1 units]* 7.00 7.02 7.01 6.91 7.07 6.89 7.22 7.06 6.99 7.28 7.31 collected at 3- to ai high all parts	(mS/cm) [3%]* 0.5(08) 0.578 0.589 0.598 0.600 0.600 0.600 0.605 0.603 0.609 5-minute internourge: (Turbidity (NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]* 8.14 1.0.5 0.93 0.79 6.7/ 6.5% 6.5(c) 0.95 0.49 ch column heading.	(mV) [10 mV]*
Time 1914 1420 1925 1935 1935 1945 1950 1500 *The stabilization OBSERVATION SAMPLE DEST Laboratory:	Pump Rate (L/min.) 200 150 150 155 100 125 125 120 120 120 100 100 100 100 100 100 100	Total Gallons Removed 0.2910 0.4894 0.6547 0.7870 0.7870 1.176 1.2499 1.3822 1.945 1.1791 ach field paramet	Water Level (ft TIC) 6.51 6.80 7.21 7.37 7.55 1.76 7.92 8.05 8.78 8.31 8.42 ter (three consecutions	Temp. (Celsius) [3%]* 17.10 17.10 16.82 16.76 16.93 16.93 17.04 17.00 11.74 cutive readings	pH [0.1 units]* 7.00 7.02 7.01 6.91 7.07 6.89 7.22 7.06 6.99 7.23 7.24 7.06 6.99 7.25 7.26 6.99 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28 7.28	(mS/cm) [3%]* 0.5(08) 0.578 0.589 0.598 0.600 0.600 0.600 0.605 0.603 0.609 5-minute internourge: (Turbidity (NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]* 8.14 1.0.5 0.93 0.79 6.7/ 6.5% 6.5(c) 0.95 0.49 ch column heading.	(mV) [10 mV]*
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Volume of W Did	ater Removed Well Go Dry? Vater Quality M Pump Rate (L/min.)	Y N eter Type(s) / Se Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	Pump Type: Samples collect pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]	ORP
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Volume of W Did	ater Removed Well Go Dry? Vater Quality M Pump Rate (L/min.)	Y N eter Type(s) / Se Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	Pump Type: Samples collect pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]	ORP (mV) [10 mV]*
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Volume of W Did	ater Removed Well Go Dry? Vater Quality M Pump Rate (L/min.)	Y N eter Type(s) / Se Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	Pump Type: Samples collect pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]	ORP (mV) [10 mV]*
Volume of W Did	ater Removed Well Go Dry? Vater Quality M Pump Rate (L/min.)	Y N eter Type(s) / Se Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	Pump Type: Samples collect pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]	ORP (mV) [10 mV]*
Volume of W Did	ater Removed Well Go Dry? Vater Quality M Pump Rate (L/min.)	Y N eter Type(s) / Se Total Gallons Removed 1.9114 2.0437	Water Level (ft TIC) S.55 8.64	Temp. (Celsius) [3%]* \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Pump Type: Samples collect pH [0.1 units]* 7.35 7.41	Sp. Cond. (mS/cm) [3%]* C. (f. 2.1	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l] C . 40	ORP (mV) [10 mV]*
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Time 1515 1519	ater Removed Well Go Dry? Vater Quality M Pump Rate (L/min.) LCC	Y N eter Type(s) / Se Total Gallons Removed 1.9114 2.0437	Water Level (ft TIC) S.55 S. LL	Temp. (Celsius) [3%]* \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Pump Type: Samples collect pH [0.1 units]* 7.35 7.41	Sp. Cond. (mS/cm) [3%]* C. (f. 2.1	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l] C . 40	ORP (mV) [10 mV]* -/3/.5
Time 1515 1519 The stabilization	ater Removed Well Go Dry? Vater Quality M Pump Rate (L/min.) LCC	Y N eter Type(s) / Se Total Gallons Removed / . G / / 4 2 . G / 4 3 / 7	Water Level (ft TIC) 8.55 8.66	Temp. (Celsius) [3%]* \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Pump Type: Samples collected at 3-to- Louker	Sp. Cond. (mS/cm) [3%]* G. (f 1.3) C. (f 2.1)	Turbidity (NTU) [10% or 1 NTU]* .5 .5	DO (mg/l) [10% or 0.1 mg/l] C . 40 C . 37	ORP (mV) [10 mV]* -/31.5
Time 1515 1519	ater Removed Well Go Dry? Vater Quality M Pump Rate (L/min.) LCC	Y N eter Type(s) / Se Total Gallons Removed / . G / / 4 2 . G / 4 3 / 7	Water Level (ft TIC) S.55 S. LL	Temp. (Celsius) [3%]* \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Pump Type: Samples collected at 3-to- Louker	Sp. Cond. (mS/cm) [3%]* O. (11.3) C. (12.1)	Turbidity (NTU) [10% or 1 NTU]* .5 .5	DO (mg/l) [10% or 0.1 mg/l] C . 40 C . 37	ORP (mV) [10 mV]* -/3/.5
Time 1515 1519	ater Removed Well Go Dry? Vater Quality M Pump Rate (L/min.) LCC	Y N eter Type(s) / Se Total Gallons Removed / . G / / 4 2 . G / 4 3 / 7	Water Level (ft TIC) 8.55 8.66	Temp. (Celsius) [3%]* \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Pump Type: Samples collected at 3-to- Louker	Sp. Cond. (mS/cm) [3%]* G. If 1.3 C. / f. 2.1	Turbidity (NTU) [10% or 1 NTU]* .5 .5	DO (mg/l) [10% or 0.1 mg/l] C . 40 C . 37	ORP (mV) [10 mV]* -/3/.5
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Time 1515 1519 The stabilization Scarm Final	ater Removed Well Go Dry? Vater Quality M Pump Rate (Umin.) ICO ICO On criteria for eases/SAMPLING ICO Linicolumnation	Y N eter Type(s) / Se Total Gallons Removed / . G / / 4 2 . G / 4 3 / 7	Water Level (ft TIC) 8.55 8.66	Temp. (Celsius) [3%]* \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	pH [0.1 units]* 7.35 7.4] collected at 3-to- colle	Sp. Cond. (mS/cm) [3%]* G. If 1.3 C. / f. 2.1	Turbidity (NTU) [10% or 1 NTU]* .5 .5	DO (mg/l) [10% or 0.1 mg/l] C . 40 C . 37	ORP (mV) [10 mV]* -/3/.5
Time 1515 1519 The stabilization Scarm Lingel AMPLE DEST Laboratory:	ater Removed Well Go Dry? Vater Quality M Pump Rate (Umin.) ICO ICO On criteria for eases/SAMPLING to Colder INATION 563	Y N eter Type(s) / Se Total Gallons Removed / . G / / 4 2 . G / 4 3 / 7	Water Level (ft TIC) 8.55 8.66	Temp. (Celsius) [3%]* \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	pH [0.1 units]* 7.35 7.4] collected at 3-to- colle	Sp. Cond. (mS/cm) [3%]* G. If 1.3 C. / f. 2.1	Turbidity (NTU) [10% or 1 NTU]* .5 .5	DO (mg/l) [10% or 0.1 mg/l] C . 40 C . 37	ORP (mV) [10 mV]* -/3/.5
Time 1515 1519 The stabilization Scarm Final	ater Removed Well Go Dry? Vater Quality M Pump Rate (Umin.) ICO ICO On criteria for eases/SAMPLING to Colder INATION 563	Y N eter Type(s) / Se Total Gallons Removed / . G / / 4 2 . G / 4 3 / 7	Water Level (ft TIC) 8.55 8.66	Temp. (Celsius) [3%]* \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Pump Type: Samples collect pH [0.1 units]* 7.35 7.4] collected at 3-to Locater Locater Locater Fina	Sp. Cond. (mS/cm) [3%]* O. II 1.3 C. II 2.1	Turbidity (NTU) [10% or 1 NTU]* .5 .5	DO (mg/l) [10% or 0.1 mg/l] C . 40 C . 37	ORP (mV) [10 mV]* -/3/.5
Time 1515 1519	ater Removed Well Go Dry? Vater Quality M Pump Rate (L/min.) LCC	Y N eter Type(s) / Se Total Gallons Removed / . G / / 4 2 . G / 4 3 / 7	Water Level (ft TIC) 8.55 8.66	Temp. (Celsius) [3%]* \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	pH [0.1 units]* 7.35 7.4] collected at 3-to- colle	Sp. Cond. (mS/cm) [3%]* G. If 1.3 C. / f. 2.1	Turbidity (NTU) [10% or 1 NTU]* .5 .5	DO (mg/l) [10% or 0.1 mg/l] C . 40 C . 37	ORP (mV) [10 mV]* -/3/.5
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Time 1515 1519 The stabilization Scarm Ling & Company Laboratory:	Atter Removed Well Go Dry? Vater Quality M Pump Rate (Umin.) ICC ICC On criteria for eases/SAMPLING: CLICATION 563 UPJ	Y N eter Type(s) / Se Total Gallons Removed / . G / / 4 2 . G / 4 3 / 7	Water Level (ft TIC) 8.55 8.66	Temp. (Celsius) [3%]* \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	pH [0.1 units]* 7.35 7.4] collected at 3-to- colle	Sp. Cond. (mS/cm) [3%]* O. II 1.3 C. II 2.1	Turbidity (NTU) [10% or 1 NTU]* .5 .5	DO (mg/l) [10% or 0.1 mg/l] C . 40 C . 37	ORP (mV) [10 mV]* -/3/.5

Well No. 108	- R		Site	HGMA Name	(7/1	14		
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ENGLISHOOD CLASS CONT.	A 1	\circ			ARREST TO THE PROPERTY.	"NAMES AND ARTHUR OFFICE PARTY IN		
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Oid Welt Ga Gry? Waiter (zaahtz Me		ил Shanteer, Water	t			Turbidity	, , , , , , , , , , , , , , , ,	HUDD MC
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Water (26.46). Me	eter Type(s) / Den	Water	Temp.	56MP	5 030 Sp. Cond. (mS/cm)	Turbidity (NTU)	HACE	CRP (mV)
Water (zaaktz Me Pump Time Rate	der (spers)» Fer Fotal Gallons	Water Level	Temp. (Colsius)	SGMP	5 030 Sp. Cond. (mS/cm)	Turbidity (NTU) (150% ox 1 NTU)	DO (mg/l)	CRP (mV)
Water (zaaktz Me Pump Time Rate	der (spers)» Fer Fotal Gallons	Water Level (ff TIC)	Temp. (Colsius)	pH (0 t anits)	5 030 Sp. Cond. (mS/cm)	Turbidity (NTU)	DO (mg/l)	CRP (mV)
Pump Time Rate (Umin) 91.35 (0.100) 91.45 (0.100)	der (spers)» Fer Fotal Gallons	Water Level (ff TIC)	remp. (Colsius) (3%)	SGMP	5 030 Sp. Cond. (mS/cm)	Turbidity (NTU) (10% or 1 NTU)	DO (mg/l)	CRP (mV)
Pump Pump Rate (L/min)	der (spers)» Fer Fotal Gallons	Water Level (if TIC)	remp. (Colsius) (3%)	pH (0 t anits)	5 030 Sp. Cond. (mS/cm)	Turbidity (NTU) (150% ox 1 NTU)	DO (mg/l)	CRP (mV)
Pump Rate (L/min)	fotal Gallons Removed O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.	Water Level (ff TIC) Q. 97	Femp. (Colaius) (2%) ¹ [U. S] (U. S)	pH (0 t anits)	5 030 Sp. Cond. (mS/cm)	Turbidity (NTU) (10% or 1 NTU)	DO (mg/l)	CRP (mV)
Pump Rate (L/min)	der (spers)» Fer Fotal Gallons	Water Level (if TIC)	Tomp. (Colsius) (3% LV, S LV, S LV, S	56MP 6.76 6.76 6.75 7.78 7.78	5p. Cold. (mS/cm) (2%): 1. SQQ 1. SQQ	Turbidity (NTU) (10%, or 1 NTU)	DO (mg/l)	CRP (mV)
Pump Rate (Umin)	fotal Gallons Removed O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.	Water Level (ff TIC) Q. 97	Femp. (Golaius) (3%) (4.5) (6.50 (6.50 (6.50	56MP 6.76 6.76 6.75 7.78 7.78	5 030 Sp. Cond. (mS/cm)	Turbidity (NTU) (10%, or 1 NTU)	DO (mg/l)	CRP (mV)
Pump Rate (L/min)	fotal Gallons Removed O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.	Water Level (ff TIC) Q. 97	Tomp. (Colsius) (3% LV, S LV, S LV, S	56MP 6.76 6.76 6.75 7.78 7.78	5p. Cold. (mS/cm) (2%): 1. SQQ 1. SQQ	Turbidity (NTU) (10%, or 1 NTU)	DO (mg/l)	CRP (mV)
Pump Rate (Umin)	fotal Gallons Removed O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.	Water Level (If TIC) 2, 97 9, 39 8,50 9,00 9,84 10,01	Femp. (Golaius) (3%) (4.5) (6.50 (6.50 (6.50	56MP 6.76 6.76 6.75 7.78 7.78	5p. Cold. (mS/cm) (2%): 1. SQQ 1. SQQ	Turbidity (NTU) (10%, or 1 NTU)	DO (mg/l)	CRP (mV)
Pump Rate (Umin)	fotal Gallons Removed O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.	Water Level (ff TIC) Q. 97	Femp. (Golaius) (3%) (4.5) (6.50 (6.50 (6.50	56MP 6.76 6.76 6.75 7.78 7.78	5p. Cold. (mS/cm) (2%): 1. SQQ 1. SQQ	Turbidity (NTU) (10%, or 1 NTU)	DO (mg/l)	CRP (mV)
Pump Rate (Umin)	fotal Gallons Removed O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.	Water Level (If TIC) 2, 97 9, 39 8,50 9,00 9,84 10,01	Femp. (Golaius) (3%) (4.5) (6.50 (6.50 (6.50	56MP 6.76 6.76 6.75 7.78 7.78	5p. Cold. (mS/cm) (2%): 1. SQQ 1. SQQ	Turbidity (NTU) (10%, or 1 NTU)	DO (mg/l)	CRP (mV)
Pump Rate (Umin)	fotal Gallons Removed O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.	Water Level (If TIC) 2, 97 9, 39 8,50 9,00 9,84 10,01	Femp. (Golaius) (3%) (4.5) (6.50 (6.50 (6.50	56MP 6.76 6.76 6.75 7.78 7.78	5p. Cold. (mS/cm) (2%): 1. SQQ 1. SQQ	Turbidity (NTU) (10%, or 1 NTU)	DO (mg/l)	CRP (mV)
Pump Rate (Umin)	fotal Gallons Removed O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.	Water Level (If TIC) 2, 97 9, 39 8,50 9,00 9,84 10,01	Femp. (Golaius) (3%) (4.5) (6.50 (6.50 (6.50	56MP 6.76 6.76 6.75 7.78 7.78	5p. Cold. (mS/cm) (2%): 1. SQQ 1. SQQ	Turbidity (NTU) (10%, or 1 NTU)	DO (mg/l)	CRP (mV)
Pump Rate (Umin)	fotal Gallons Removed O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.	Water Level (ff TIC) 8,97 9,39 87,56 9,66 9,84 10,01 70,12 10,20 10,20	[Golsius) [3%] [4,5] [4,	56MP 40 i gratest 40.7 to 40.7 to 4	5p. Cold. (m3/cm) (3%) 1, 522 1, 524	Turbidity (NTU) (10%, or 1 NTU) (2) (3) (4) (4) (5) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	00 (mg/l) (10% or 0 : mg/l) 0.97 0.88 0.88 0.78 0.78 0.78	CRP (mV)
Pump Rate (Umin)	for Typers) / Ser Fotal Gallons Removed O. D. O. D.	Water Level (ff TIC) 8,97 9,39 87,56 9,66 9,84 10,01 70,12 10,20 10,20 re (three consec	[Golsius) [3%] [4,5] [4,	56MP 40 i gratest 40.7 to 40.7 to 4	5p. Cold. (m3/cm) (3%) 1, 522 1, 524	Turbidity (NTU) (10%, or 1 NTU) (2) (3) (4) (4) (5) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	00 (mg/l) (10% or 0 : mg/l) 0.97 0.88 0.88 0.78 0.78 0.78	CRP (mV)
Pump Rate (Umin) 9:35 (0.100) 9:45 (0.100) 9:50 (0.100) 0:50 (0.100) 0:50 (0.100) 0:50 (0.100) 0:50 (0.100) 0:50 (0.100) 0:50 (0.100) 0:50 (0.100) 10:50 (0.100) 10:50 (0.100) 10:50 (0.100) 10:50 (0.100) 10:50 (0.100) 10:50 (0.100) 10:50 (0.100) The stabilization criteria for ea	for Typers) / Ser Fotal Gallons Removed O. D. O. D.	Water Level (ff TIC) 8,97 9,39 87,56 9,66 9,84 10,01 70,12 10,20 10,20 re (three consec	[Golsius) [3%] [4,5] [4,	56MP 40 i gratest 40.7 to 40.7 to 4	5p. Cold. (m3/cm) (3%) 1, 522 1, 524	Turbidity (NTU) (10%, or 1 NTU) (2) (3) (4) (4) (5) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	00 (mg/l) (10% or 0 : mg/l) 0.97 0.88 0.88 0.78 0.78 0.78	CRP (mV)
Pump Rate (Umin) 9:35 (0.100) 9:45 (0.100) 9:50 (0.100) 0:50 (0.100) 0:50 (0.100) 0:50 (0.100) 0:50 (0.100) 0:50 (0.100) 0:50 (0.100) 0:50 (0.100) 10:50 (0.100) 10:50 (0.100) 10:50 (0.100) 10:50 (0.100) 10:50 (0.100) 10:50 (0.100) 10:50 (0.100) The stabilization criteria for ea	for Typers) / Ser Fotal Gallons Removed O. D. O. D.	Water Level (ff TIC) 8,97 9,39 87,56 9,66 9,84 10,01 70,12 10,20 10,20 er (three consec	[Golsius) [3%] [4,5] [4,	56MP 40 i gratest 40.7 to 40.7 to 4	5p. Cold. (m3/cm) (3%) 1, 522 1, 524	Turbidity (NTU) (10%, or 1 NTU) (2) (3) (4) (4) (5) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	00 (mg/l) (10% or 0 : mg/l) 0.97 0.88 0.88 0.78 0.78 0.78	CRP (mV)
Pump Rate (Umin) 9:35 (0.100) 9:45 (0.100) 9:50 (0.100) 0:50 (0.100) 0:50 (0.100) 0:50 (0.100) 0:50 (0.100) 0:50 (0.100) 0:50 (0.100) 0:50 (0.100) 10:50 (0.100) 10:50 (0.100) 10:50 (0.100) 10:50 (0.100) 10:50 (0.100) 10:50 (0.100) 10:50 (0.100) The stabilization criteria for ea	for Typers) / Ser Fotal Gallons Removed O. D. O. D.	Water Level (ff TIC) 8,97 9,39 87,56 9,66 9,84 10,01 70,12 10,20 10,20 er (three consec	[Golsius) [3%] [4,5] [4,	56MP 40 i gratest 40.7 to 40.7 to 4	5p. Cold. (m3/cm) (3%) 1, 522 1, 524	Turbidity (NTU) (10%, or 1 NTU) (2) (3) (4) (4) (5) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	DO (mg/l) (10% or 0 : mg/l) (1	CRP (mV)
Pump Rate (Umin) 9:35 (0.100) 9:45 (0.100) 9:50 (0.100) 0:50 (0.100) 0:50 (0.100) 0:50 (0.100) 0:50 (0.100) 0:50 (0.100) 0:50 (0.100) 0:50 (0.100) 10:50 (0.100) 10:50 (0.100) 10:50 (0.100) 10:50 (0.100) 10:50 (0.100) 10:50 (0.100) 10:50 (0.100) The stabilization criteria for ea	for Typers) / Ser Fotal Gallons Removed O. D. O. D.	Water Level (ff TIC) 8,97 9,39 87,56 9,66 9,84 10,01 70,12 10,20 10,20 er (three consec	[Golsius) [3%] [4,5] [4,	56MP 40 i gratest 40.7 to 40.7 to 4	5p. Cold. (m3/cm) (3%) 1, 522 1, 524	Turbidity (NTU) (10%, or 1 NTU) (2) (3) (4) (4) (5) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	DO (mg/l) (10% or 0 : mg/l) (1	CRP (mV)
Pump Rate (L/min)	for Typers) / Ser Fotal Gallons Removed O. D. O. D.	Water Level (ff TIC) 8,97 9,39 87,56 9,66 9,84 10,01 70,12 10,20 10,20 er (three consec	[Golsius) [3%] [4,5] [4,	56MP 40 i gratest 40.7 to 40.7 to 4	5p. Cold. (m3/cm) (3%) 1, 522 1, 524	Turbidity (NTU) (10%, or 1 NTU) (2) (3) (4) (4) (5) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	DO (mg/l) (10% or 0 : mg/l) (1	CRP (mV)
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Pump Rate (L/min) 91:35 (),100 91:45 (),100 91:45 (),100 10:50 (),100 10:05 (),100 10:15 (),100	fotal Gallons Removed O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.	Water Level (ff TIC) 8,97 9,39 87,56 9,66 9,84 10,01 70,12 10,20 10,20 er (three consec	[Golsius) [3%] [4,5] [4,	56MP 40 i gratest 40.7 to 40.7 to 4	5p. Cold. (m3/cm) (3%) 1, 522 1, 524	Turbidity (NTU) (N	DO (mg/l) (10% or 0 : mg/l) (0.97) (0.88) (0.78) (0	-333 -333 -333 -333 -335 -335 -337 -337
Pump Rate (L/min) 91:35 ().100 91:45 ().100 91:50 ().100 10:05 ().100	fotal Gallons Removed O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.	Water Level (ff TIC) 8,97 9,39 87,56 9,66 9,84 10,01 70,12 10,20 10,20 er (three consec	[Golsius) [3%] [4,5] [4,	56MP 40 i gratest 40.7 to 40.7 to 4	5p. Cold. (m3/cm) (3%) 1, 522 1, 524	Turbidity (NTU) (N	DO (mg/l) (10% or 0 : mg/l) (0.97) (0.88) (0.78) (0	-333 -333 -333 -333 -335 -335 -337 -337
Pump Rate (L/min) 91:35 (),100 91:45 (),100 91:45 (),100 10:50 (),100 10:05 (),100 10:15 (),100	fotal Gallons Removed O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.	Water Level (ff TIC) 8,97 9,39 87,56 9,66 9,84 10,01 70,12 10,20 10,20 er (three consec	[conp. (Corlains) [3%] [10.5]	56MP 40 i gratest 40.7 to 40.7 to 4	5p. Cold. (mS/cm) (2%): 1. SQQ	Turbidity (NTU) (N	DO (mg/l) (10% or 0 : mg/l) (0.97) (0.88) (0.78) (0	-333 -333 -333 -333 -335 -335 -335 -337 -337
Pump Rate (L/min) 91.35 ().100 91.45 ().100 91.50 ().100 10.05 ().100 10.05 ().100 10.15 ().1	fotal Gallons Removed O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.	Water Level (ff TIC) 8,97 9,39 87,56 9,66 9,84 10,01 70,12 10,20 10,20 er (three consec	[conp. (Corlains) [3%] [10.5]	pH 30 : gruto)* (9.76) (9.75) 7.70 7.70 7.70 7.70 7.70 7.70 7.70 7.7	5p. Cold. (mS/cm) (2%): 1. SQQ	Turbidity (NTU) (N	DO (mg/l) (10% or 0 : mg/l) (1	-333 -333 -333 -335 -335 -335 -337 -337
Pump Rate (L/min) 91.35 (), 100 91.45 (), 100 91.50 (), 100 10.50 (), 100 1	fotal Gallons Removed O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.	Water Level (ff TIC) 8,97 9,39 87,56 9,66 9,84 10,01 70,12 10,20 10,20 er (three consec	[conp. (Corlains) [3%] [10.5]	pH 30 : gruto)* (9.76) (9.75) 7.70 7.70 7.70 7.70 7.70 7.70 7.70 7.7	5p. Cold. (mS/cm) (2%): 1. SQQ	Turbidity (NTU) (N	DO (mg/l) (10% or 0 : mg/l) (0.97) (0.88) (0.78) (0	-333 -333 -333 -335 -335 -335 -337 -337

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Well No.	<u> </u>	aB R	·	Site	e/GMA Name		$\mathcal{L} \mathcal{M} \mathcal{F}$	3	
Key No.				Sampil	ng Personnel				
PID Back	ground (ppm)				Oate			<u> </u>	
					Weather				
ELL INFORM	ATION						Sample Time	10:45	
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Height of R	laterence Point		Meas From						
,							MSMSD		
Surpon			Malis From						
Wat	er Eable Centh		Mens From				Die Signibe 162		
7.1	Well Cents		Mean From			Array Cont	Accordance	Oasam	_
Length of	Water I degree					7 1 4 7		Parameters	Collected
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	er (F"Lei in Ligari							даляся стобый	
	iter d'hyter, twe	េះជ្រូចរប្ប				1	Metals Inorga	pics (Dishoked)	
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i't;	in p Plap Tane				E ARCHARDOL MOS				
	inp Diop Fame es of Pumping								ecdy ()
Mondi) (2ther/Sp	ricily ()
Moude Volume of W Oid	es of Pumping after Removed (Well Cas Dry 7)		nai Nooteer,		Perestallic Poor; Poor <mark>g</mark> o Type	o () Surfer the	Emerable Pump. (
Moude Volume of W Oid	es of Pumping alter Removed I Well Cas Day? Vater Casality N Pump Rate	Y N eter Tspe(s)/Tse Fotal Collons	water Uevel		Perestallic Franc Fran <mark>i</mark> p Type Samples collec	Sp. Cond. (mS/cm)	Conematic Pump (disect as ovacuation Turbidity (NTU)) (3ther/lip Y N (special DO (mg/l)	
Menuti Volume of W Did	es of Pumping alter Removed I Well Cas Dry / Nater Casality N Pump Rate (L/min.)	Y N eter Espe(s) / Se	Water Lovel (M TIC)	Famp.	Penshitia Pang Pang Type Enmples dellec pH [0.3 ands]*	Sp. Cond. (mS/cm)	Conematic Pump (street as avacuation Turbidity (NTU) Consider a NTU[) (Stherdip Y N (speci	ORP
Menuti Volume of W Did	es of Pumping after Removed I Well Cas Dry / Nater Casality S Pump Rate (L/min.)	Y N eter Tspe(s)/Tse Fotal Collons	Water Level (H TIC)	Famp. (Colsius)	Penshitia Pang Pang Type Enmples dellec	Sp. Cond. (mS/cm)	Conematic Pump (disect as ovacuation Turbidity (NTU)) (3ther/lip Y N (special DO (mg/l)	ORP (mV)
Abauti Volume of W Did	es of Pumping alter Removed I Well Cas Dry / Nater Casality N Pump Rate (L/min.)	Y N eter Tspe(s)/Tse Fotal Collons	Water Lovel (M TIC)	Famp. (Colsius)	Penshitia Pang Pang Type Enmples dellec pH [0.3 ands]*	Sp. Cond. (mS/cm)	Conematic Pump (street as avacuation Turbidity (NTU) Consider a NTU[) (3ther/lip Y N (special DO (mg/l)	ORP (mV)
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Menuti Volume of W Did	es of Pumping after Removed I Well Cas Dry / Nater Casality S Pump Rate (L/min.)	Y N eter Tspe(s)/Tse Fotal Collons	Water Level (H TIC)	Famp. (Colsius)	Penshitia Pang Pang Type Enmples dellec pH [0.3 ands]*	Sp. Cond. (mS/cm)	Conematic Pump (street as avacuation Turbidity (NTU) Consider a NTU[) (3ther/lip Y N (special DO (mg/l)	ORP (mV)
Menuti Volume of W Did	es of Pumping after Removed I Well Cas Dry / Nater Casality S Pump Rate (L/min.)	Y N eter Tspe(s)/Tse Fotal Collons	Water Level (H TIC)	Famp. (Colsius)	Penshitia Pang Pang Type Enmples dellec pH [0.3 ands]*	Sp. Cond. (mS/cm)	Conematic Pump (street as avacuation Turbidity (NTU) Consider a NTU[) (3ther/lip Y N (special DO (mg/l)	ORP (mV)
Menuti Volume of W Did	es of Pumping after Removed I Well Cas Dry / Nater Casality S Pump Rate (L/min.)	Y N eter Tspe(s)/Tse Fotal Collons	Water Level (H TIC)	Famp. (Colsius)	Penshitia Pang Pang Type Enmples dellec pH [0.3 ands]*	Sp. Cond. (mS/cm)	Conematic Pump (street as avacuation Turbidity (NTU) Consider a NTU[) (3ther/lip Y N (special DO (mg/l)	ORP (mV)
Menuti Tolume of W Dia	es of Pumping alter Removed I Well Cas Dry / Nater Casality 5 Pump Rate (L/min.)	Y N eter Tspe(s)/Tse Fotal Collons	Water Level (H TIC)	Famp. (Colsius)	Penshitia Pang Pang Type Enmples dellec pH [0.3 ands]*	Sp. Cond. (mS/cm)	Conematic Pump (street as avacuation Turbidity (NTU) Consider a NTU[) (3ther/lip Y N (special DO (mg/l)	ORP (mV)
Menuti Volume of W Did	es of Pumping alter Removed I Well Cas Dry / Nater Casality 5 Pump Rate (L/min.)	Y N eter Tspe(s)/Tse Fotal Collons	Water Level (H TIC)	Famp. (Colsius)	Penshitia Pang Pang Type Enmples dellec pH [0.3 ands]*	Sp. Cond. (mS/cm)	Conematic Pump (street as avacuation Turbidity (NTU) Consider a NTU[) (3ther/lip Y N (special DO (mg/l)	ORP (mV)
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Menuti Tolume of W Dia	es of Pumping alter Removed I Well Cas Dry / Nater Casality 5 Pump Rate (L/min.)	Y N eter Tspe(s)/Tse Fotal Collons	Water Level (H TIC)	Famp. (Colsius)	Penshitia Pang Pang Type Enmples dellec pH [0.3 ands]*	Sp. Cond. (mS/cm)	Conematic Pump (street as avacuation Turbidity (NTU) Consider a NTU[) (3ther/lip Y N (special DO (mg/l)	ORP (mV)
Menuti Volume of W Did	es of Pumping alter Removed I Well Cas Dry / Nater Casality 5 Pump Rate (L/min.)	Y N eter Tspe(s)/Tse Fotal Collons	Water Level (H TIC)	Famp. (Colsius)	Penshitia Pang Pang Type Enmples dellec pH [0.3 ands]*	5 (1) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	Conematic Pump (street as avacuation Turbidity (NTU) Consider a NTU[) (3ther/lip Y N (special DO (mg/l)	ORP (mV)
Venute of W Did	es of Pumping alter Removed I Well Cas Dry / Vater Casality 5 Pump Rate (L/min) Octoor	Y Al eter Especial / Ne Fotal Gallons Removed	Water Level (ff TIC) 10.23 10.16	Femp. (Cotstus) (3%)* 17.65	Penstatic Panis Pango Type Emplos dellec pH 10 Tandst 2.33	5 (a) 1 (a) 1 (a) 1 (b) 1 (a) 1 (b) 1 (c)	Turbidity (NTU) (10% or 1 NTU)	DO (mg/l) [10% or 0.1 mg/l]	ORP (mV)
Time To: 39 10:43	es of Pumping after Removed I Well Cas Dry / Nater Casality 5 Pump Rate (L/min) 0.100	Y Al eter Especial / Ne Fotal Gallons Removed	water Level (If TIC) 10.23 10.74	Femp (Cotsius) (3%)* 17.65	Penstatic Panis Pango Type Emplos dellec pH 10 Tandst 2.33	5 (a) 1 (a) 1 (a) 1 (b) 1 (a) 1 (b) 1 (c)	Turbidity (NTU) (10% or 1 NTU)) (3ther/lip Y N (special DO (mg/l)	ORP (mV)
Time To:39 10:39 The stabilization	es of Pumping after Removed I Well Cas Dry / Nater Casality 5 Pump Rate (L/min) 0.100	rotal Fotal Gullons Removed	water Level (If TIC) 10.23 10.74	Femp (Cotsius) (3%)* 17.65	Penstatic Panis Pango Type Emplos dellec pH 10 Tandst 2.33	5 (a) 1 (a) 1 (a) 1 (b) 1 (a) 1 (b) 1 (c)	Turbidity (NTU) (10% or 1 NTU)	DO (mg/l) [10% or 0.1 mg/l]	ORP (mV)
Monute Volume of W Did Tune 10:39 10:43	es of Pumping after Removed I Well Cas Dry / Nater Casality 5 Pump Rate (L/min) 0.100	rotal Fotal Gullons Removed	water Level (If TIC) 10.23 10.74	Femp (Cotsius) (3%)* 17.65	Penstatic Panis Pango Type Emplos dellec pH 10 Tandst 2.33	5 (a) 1 (a) 1 (a) 1 (b) 1 (a) 1 (b) 1 (c)	Turbidity (NTU) (10% or 1 NTU)	DO (mg/l) [10% or 0.1 mg/l]	ORP (mV)
Time To: 39 10:43	es of Pumping after Removed I Well Cas Dry / Nater Casality 5 Pump Rate (L/min) 0.100	rotal Fotal Gullons Removed	water Level (If TIC) 10.23 10.74	Femp (Cotsius) (3%)* 17.65	Penstatic Panis Pango Type Emplos dellec pH 10 Tandst 2.33	5 (a) 1 (a) 1 (a) 1 (b) 1 (a) 1 (b) 1 (c)	Turbidity (NTU) (10% or 1 NTU)	DO (mg/l) [10% or 0.1 mg/l]	ORP (mV)
Time To: 39 10:43	es of Pumping after Removed I Well Cas Dry / Nater Casality 5 Pump Rate (L/min) 0.100	rotal Fotal Gullons Removed	water Level (If TIC) 10.23 10.74	Femp (Cotsius) (3%)* 17.65	Penstatic Panis Pango Type Emplos dellec pH 10 Tandst 2.33	5 (a) 1 (a) 1 (a) 1 (b) 1 (a) 1 (b) 1 (c)	Turbidity (NTU) (10% or 1 NTU)	DO (mg/l) [10% or 0.1 mg/l]	ORP (mV)
Time 10:39 10:43 The stabilization	es of Pumping alter Removeil I Well Cas Dry / Vater Casalty V Pump Rate (L/min) O. \\ O	rotal Fotal Gullons Removed	water Level (If TIC) 10.23 10.74	Femp (Cotsius) (3%)* 17.65	Penstatic Panis Pango Type Emplos dellec pH 10 Tandst 2.33	5 (a) 1 (a) 1 (a) 1 (b) 1 (a) 1 (b) 1 (c)	Turbidity (NTU) (10% or 1 NTU)	DO (mg/l) [10% or 0.1 mg/l]	ORP (mV)
Tune 10:39 10:43 The stabilization BSERVATION	es of Pumping alter Removeil I Well Cas Dry / Vater (asality M Rate (L/min) On Color On Criteria for exists AMPLING	rotal Fotal Gullons Removed	water Level (If TIC) 10.23 10.74	Femp (Cotsius) (3%)* 17.65	Penstatic Panis Pango Type Emplos dellec pH 10 Tandst 2.33	5 (a) 1 (a) 1 (a) 1 (b) 1 (a) 1 (b) 1 (c)	Turbidity (NTU) (10% or 1 NTU)	DO (mg/l) [10% or 0.1 mg/l]	ORP (mV)
Time O: 39 O: 43 The stabilization District Oil D	es of Pumping alter Removeil I Well Cas Dry? Vater (asality V Pump Rate (L/min.) O. 100 on criteria for exists AMPLING	rotal Fotal Gullons Removed	water Level (If TIC) 10.23 10.74	Femp (Cotsius) (3%)* 17.65	Penstatic Panis Pango Type Emplos dellec pH 10 Tandst 2.33	5 (a) 1 (a) 1 (a) 1 (b) 1 (a) 1 (b) 1 (c)	Turbidity (NTU) (10% or 1 NTU) Auss) is listed in each	DO (mg/l) [10% or 0.1 mg/l]* O-7 S Chicolumn heading.	ORP (mV) [10 mV] - 347,4
Time D:39 D:43 The stabilization BSERVATION AMPLE DEST Laboratory: Delivered Via:	es of Pumping alter Removeil I Well Cas Dry? Vater (asality V Pump Rate (L/min.) O. 100 on criteria for exists AMPLING	rotal Fotal Gullons Removed	water Level (If TIC) 10.23 10.74	Temp. (Golstus) (3%) 17.65	Penstatic Panis Pango Type Emplos dellec pH 10 Tandst 2.33	Sp. Cond. (mS/cm) (3%) 1. 72 1	Turbidity (NTU) (10% or 1 NTU) Auss) is listed in each	DO (mg/l) [10% or 0.1 mg/l]	ORP (mV) [10 mV]* - 347,4

Well No.	<u> </u>	14		Sit	e/GMA Name	-GmA	3		
Key No.	-			Sampli	ng Personnel	TCM	Kin		
PID Back	ground (ppm)				Date	101710	4		
Well Hea	dspace (ppm)	-		•	Weather	CILLIA	450		
				•					
WELL INFORM	IATION	$\overline{}$					Sample Time	11:39	
Reference	Point Marked?	$(\gamma)_{N}$					Sample ID	61-14	
Height of F	Reference Point	-0.15	Meas From	BGS			Duplicate ID	-4 -	
,	Well Diameter	20			•		MS/MSD	((), ===================================	70
Screen	n Interval Depth	5-151	Meas From	RGS			Split Sample ID	richtian	U
Wa	ter Table Depth	10.26	Meas From	77(•				
	Well Depth	15,13	Meas From	7)(•	Required	Analytical	Parameters:	Collected
Length of	Water Column	4.87	_			t.		(Std. fist)	()
Volume o	of Water in Well	0.795	لك			. 🗸 :	VOCs	(Exp. fist)	\sim
Intake Depth o	of Primp/Tubing	127'	Meas From	加 (OCs	~ ; ~ ;
		<u></u>					PC85	(Total)	()
Reference Poin	it Identification					(1	PCBs (0	Dissolved)	()
FIC Top of Inn	ier (PVC) Casing	J				(ganics (Total)	()
TOC Top of O	uter (Protective)	Casing						pics (Dissolved)	(!
Grade/BGS, G	round Surface					. ,		s/PCDFs	
						, ,		s/Herbicid.as	i i
Redevelop?	Y (N)					4 1		Attenuation	
	9					: ,		(Specify)	L Y
EVACUATION	INFORMATION							, , , ,	, ,
Pi	imp Start Time	10:12	_						
Pi	ump Stop Time	11:50			Evacuation Me	thod, Bader () Bladder F	Pump (X)	
Minu	tes of Pemping	98m	^		Peristallic Pun		ibmersible Pump (/\	ecify ()
	Vater Removad	2.600	\mathcal{O}		Primp Type	A ADSCH	ALL SYS	TEMI	, ,
	d Wall Go Dry?	YNY	<u> </u>			ted by same me	inod as evacuation	17 (Ya) N (speci	(v)
						_			_
	Water Quality M	eter Typo(s) / Sc	armi Numbers.	+ACH	TURBID	METER	0202	<u>000 253</u>	376
	Water Quality M	eler Typu(s) / Sc	anul Numbers.	HACH YS155		INFIER	0202 AE		376
	Water Quality M	eter Typo(s) / Sc	erni Nombers. Water	YCI 55 Temp.	(2)2/	IMETER 0392 Sp. Cond.			376 ORP
Time	·		···		6 030	0392	+E	000 253	
	Pump	₹otal	Water	Temp.	6 030	0 30 2 Sp. Cond.	Turbidity	DO 253	ORP
	Pump Rate	Kotal Gallons	Water Level	Temp. (Celsius)	G 030	0 392 Sp. Cond. (mS/cm)	Turbidity (NTU)	DO 253	ORP (mV)
	Pump Rate (Umin.)	Kotal Gallons	Water Level (It TIC)	Temp. (Celsius)	G 030	O 292 Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU)	DO 253	ORP (mV)
	Pump Rate (Umin.)	-Cotal Gallons	Water Level (It TIC)	Temp. (Celsius)	G 030	0392 Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU)	DO 253	ORP (mV)
	Pump Rate (Umin.)	-Cotal Gallons	Water Level (It TIC)	Temp. (Celsius)	(a O3(pH (0 1 units)*	0302 Sp. Cond. (mS/cm) (3%1-	Turbidity (NTU)	DO 253 (mg/l) (10% or 0.1 mg/l)*	ORP (mV)
	Pump Rate (Umln.) Q 1 OO Q 1 OO Q 1 OO	Fotal Gallons Removed	Water Level (H TIC) 10.30 10.30	Temp. (Celsius)	(a O3(pH (0 1 units)*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU)	DO 253 (mg/l) (10% or 0.1 mg/l)*	ORP (mV)
	Pump Rate (Umln.) (Unloc) (U100) (U100) (U100) (U100)	Fotal Gallons Removed	Water Level (H TIC) 10.30 10.30 10.30	Temp. (Celsius)	(a O3(pH (0 1 units)*	0 29 2 Sp. Cond. (mS/cm) [3%]* 0.406 0.410 0.419	Turbidity (NTU)	DO 253 (mg/l) [10% or 0.1 mg/l)* 	ORP (mV)
Time 10:15 10:37 10:32 10:37 10:42	Pump Rate (Umln.) 2.100 0.100 0.100 0.100 0.100	Total Gallons Removed	Water Level (H TIC) 10.30 10.30 (0.30 /0.30	Temp. (Celsius)	(a O3(pH (0 1 units)*	Sp. Cond. (mS/cm) [3%]* 0.406 0.410 0.419 0.422	AE Turbidity (NTU) [10% or 1 NTU]* 2-3 14	DO 253 (mg/l) [10% or 0.1 mg/l)* 	ORP (mV)
Time 10:15 10:37 10:32 10:37 10:42	Pump Rate (Umln.) 2.100 0.100 0.100 0.100 0.100	Total Gallons Removed	Water Level (H TIC) 10.30 10.30 (0.30 /0.30	Temp. (Celsius)	(a O3(pH (0 1 units)*	Sp. Cond. (mS/cm) [3%]* 0.406 0.410 0.419 0.422	Turbidity (NTU) (10% or 1 NTU)	DO 253 (mg/l) [10% or 0.1 mg/l) 	ORP (mV)
Time 10:15 10:37 10:32 10:37 10:42	Pump Rate (Umln.) 1,100 0,100 0,100 0,100 0,100 0,100 0,100	Total Gallons Removed	Water Level (HTIC) 10.30 10.30 10.30 10.30 10.30 10.30	Temp. (Celsius)	(a O3(pH (0 1 units)*	59. Cond. (mS/cm) [3%1] 0.406 0.410 0.418 0.422 0.423 0.423	AE Turbidity (NTU) [10% or 1 NTU]* 2-3 14	DO 253 (mg/l) [10% or 0.1 mg/l) 	ORP (mV)
Time 10:15 10:37 10:32 10:37 10:42	Pump Rate (Umin.) 1,100 0,100 0,100 0,100 0,100	Total Gallons Removed	Water Level (HTIC) 10.30 10.30 10.30 10.30 10.30 10.30	Temp. (Celsius)	(a O3(pH (0 1 units)*	59. Cond. (mS/cm) [3%1] 0. 406 0.410 0.410 0.412 0.422 0.423 0.421 0.430	AE Turbidity (NTU) [10% or 1 NTU]* 2-3 14	DO 253 (mg/l) [10% or 0.1 mg/l) 	ORP (mV)
Time 10:15 10:37 10:32 10:37 10:42	Pump Rate (Umln.) 1,100 0,100 0,100 0,100 0,100 0,100 0,100	Total Gallons Removed	Water Level (HTIC) 10.30 10.30 10.30 10.30 10.30 10.30	Temp. (Celsius)	(0 1 units)* (0 . 3 ic (0 . 40 (0 . 43 (0 . 46 (0 . 47 (0 . 48 (0 . 48) (0 . 48)	5p. Cond. (mS/cm) [3%1] 0.406 0.410 0.410 0.412 0.422 0.423 0.421 0.430	AE Turbidity (NTU) [10% or 1 NTU]* 2-3 14	DO 253 (mg/l) [10% or 0.1 mg/l) 	ORP (mV)
Time 10:15 10:37 10:32 10:37 10:42	Pump Rate (Umin.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed	Water Level (HTIC) 10.30 10.30 10.30 10.30 10.30 10.30	Temp. (Celsius)	(a O3(pH (0 1 units)*	5p. Cond. (mS/cm) [3%1] 0.406 0.410 0.410 0.412 0.422 0.423 0.421 0.430	AE Turbidity (NTU) [10% or 1 NTU]* 2-3 14	DO 253 (mg/l) [10% or 0.1 mg/l) 	ORP (mV) (10 mV)* 229,4 213.2, 206,7 196,6 194,6 194,1 178.1
Time 10:15 10:27 10:32 10:37 10:42 10:52 10:51 11:02 11:07 11:12	Pump Rate (Umin.) 1100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed 0.317 0.449 0.582 0.714 0.846 0.919 1.11 1.243 1.375 1.507	Water Level (HTIC) 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30	Temp. (Colsius) [3%]* 17.17 17.41 17.39 17.52 17.69 17.80 17.80 17.80 17.71	(0 1 units)* (0 . 3 ic (. 40 (. 43 (. 46 (. 47 (. 48 (. 49 (. 49 (. 49 (. 49 (. 49 (. 49	Sp. Cond. (mS/cm) [3%]* 0.406 0.410 0.410 0.412 0.422 0.423 0.423 0.433 0.433 0.433	AE Turbidity (NTU) [10% or 1 NTU] 2-3 14 14 5 6 5 4 4 4 4 3	000 253 000 253 000 253 (mg/l) (10% or 0.1 mg/l) 4.08 7.91 1.75 1.48 1.47 1.34 1.34 1.35	ORP (mV)
Time 10: 15 10: 27 10: 32 10: 37 10: 42 10: 42 10: 52 11: 0: 07 11: 0: 07 11: 12 11: 12 11: 12	Pump Rate (Umin.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Fotal Gallons Removed C. 317 O. 449 O. 582 O. 714 D. 646 O. 979 I. 111 I. 243 I. 375 I. 507 I. 639 ach field parame	Water Level (ITTIC) 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30	Temp. (Celslus) [3%] [7,34] [7,39 [7,52 [7,52 [7,52 [17,80 [17,80 [17,97	(a 1 units)* (a 1 units)* (a . 3 ic. (a . 40) (a . 43) (a . 46) (a . 48) (a . 48) (a . 49)	Sp. Cond. (mS/cm) [3%1] 0.406 0.410 0.410 0.412 0.422 0.423 0.423 0.433 0.433 0.433	Turbidity (NTU) (10% or 1 NTU) 2-3 14 7 6 5 4 4 3 vals) is listed in ear	DO (mg/l) (10% or 0.1 mg/l) 4.09 2.91 1.75 1.48 1.37 1.34 1.36 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35	ORP (mV) (10 mV)* 229,4 213.2, 206,7 196,6 197,6 198,7 178,1 178,1 178,1 178,1
Time 10:15 10:37 10:37 10:42 10:42 10:57 11:07 11:07 11:12 OBSERVATIO	Pump Rate (Umin.) 1.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Fotal Gallons Removed C. 317 O. 449 O. 582 O. 714 D. 646 O. 979 I. 111 I. 243 I. 375 I. 507 I. 639 ach field parame	Water Level (ITTIC) 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30	Temp. (Colsius) [3%]* 17.17 17.41 17.39 17.52 17.69 17.80 17.80 17.80 17.71	(a 1 units)* (a 1 units)* (a . 3 ic. (a . 40) (a . 43) (a . 46) (a . 48) (a . 48) (a . 49)	Sp. Cond. (mS/cm) [3%]* 0.406 0.410 0.410 0.412 0.422 0.423 0.423 0.433 0.433 0.433	Turbidity (NTU) (10% or 1 NTU) 2-3 14 7 6 5 4 4 3 vals) is listed in ear	000 253 000 253 000 253 (mg/l) (10% or 0.1 mg/l) 4.08 7.91 1.75 1.48 1.47 1.34 1.34 1.35	ORP (mV) (10 mV)* 229,4 213.2, 206,7 196,6 197,6 198,7 178,1 178,1 178,1 178,1
Time 10: 15 10: 27 10: 32 10: 37 10: 42 10: 42 10: 52 11: 0: 07 11: 0: 07 11: 12 11: 12 11: 12	Pump Rate (Umin.) 1.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Fotal Gallons Removed C. 317 O. 449 O. 582 O. 714 D. 646 O. 979 I. 111 I. 243 I. 375 I. 507 I. 639 ach field parame	Water Level (ITTIC) 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30	Temp. (Celslus) [3%] [7,34] [7,39 [7,52 [7,52 [7,52 [17,80 [17,80 [17,97	(a 1 units)* (a 1 units)* (a . 3 ic. (a . 40) (a . 43) (a . 46) (a . 48) (a . 48) (a . 49)	Sp. Cond. (mS/cm) [3%1] 0.406 0.410 0.410 0.412 0.422 0.423 0.423 0.433 0.433 0.433	Turbidity (NTU) (10% or 1 NTU) 2-3 14 7 6 5 4 4 3 vals) is listed in ear	DO (mg/l) (10% or 0.1 mg/l) 4.09 2.91 1.75 1.48 1.37 1.34 1.36 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35	ORP (mV) (10 mV)* 229,4 213.2, 206,7 196,6 197,6 198,7 178,1 178,1 178,1 178,1
Time 10:15 10:37 10:37 10:42 10:42 10:57 11:07 11:07 11:12 OBSERVATIO	Pump Rate (Umin.) 1.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Fotal Gallons Removed C. 317 O. 449 O. 582 O. 714 D. 646 O. 979 I. 111 I. 243 I. 375 I. 507 I. 639 ach field parame	Water Level (ITTIC) 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30	Temp. (Celslus) [3%] [7,34] [7,39 [7,52 [7,52 [7,52 [17,80 [17,80 [17,97	(a 1 units)* (a 1 units)* (a . 3 ic. (a . 40) (a . 43) (a . 46) (a . 48) (a . 48) (a . 49)	Sp. Cond. (mS/cm) [3%1] 0.406 0.410 0.410 0.412 0.422 0.423 0.423 0.433 0.433 0.433	Turbidity (NTU) (10% or 1 NTU) 2-3 14 7 6 5 4 4 3 vals) is listed in ear	DO (mg/l) (10% or 0.1 mg/l) 4.09 2.91 1.75 1.48 1.37 1.34 1.36 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35	ORP (mV) (10 mV)* 229,4 213.2, 206,7 196,6 197,6 198,7 178,1 178,1 178,1 178,1
Time 10:15 10:37 10:32 10:42 10:42 10:51 11:02 11:07 (1:12 08SERVATIO 00001	Pump Rate (Umln.) PLOC 0.10C	Total Gallons Removed	Water Level (IR TIC) 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30	Temp. (Celslus) [3%] [7,34] [7,39 [7,52 [7,52 [7,52 [17,80 [17,80 [17,97	(a 1 units)* (a 1 units)* (a . 3 ic. (a . 40) (a . 43) (a . 46) (a . 48) (a . 48) (a . 49)	Sp. Cond. (mS/cm) [3%1] 0.406 0.410 0.410 0.412 0.422 0.423 0.423 0.433 0.433 0.433	Turbidity (NTU) (10% or 1 NTU) 2-3 14 7 6 5 4 4 3 vals) is listed in ear	DO (mg/l) (10% or 0.1 mg/l) 4.09 2.91 1.75 1.48 1.37 1.34 1.36 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35	ORP (mV) (10 mV)* 229,4 213.2, 206,7 196,6 197,6 198,7 178,1 178,1 178,1 178,1
Time 10: 15 10: 27 10: 32 10: 37 10: 47 10: 52 11: 07 11: 07 11: 12 11: 12 11: 000 11	Pump Rate (Umln.) D.100	Fotal Gallons Removed C. 317 O. 449 O. 582 O. 714 D. 646 O. 979 I. 111 I. 243 I. 375 I. 507 I. 639 ach field parame	Water Level (IR TIC) 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30	Temp. (Celslus) [3%] [7,34] [7,39 [7,52 [7,52 [7,52 [17,80 [17,80 [17,97	(a 1 units)* (a 1 units)* (a . 3 ic. (a . 40) (a . 43) (a . 46) (a . 48) (a . 48) (a . 49)	Sp. Cond. (mS/cm) [3%1] 0.406 0.410 0.410 0.412 0.422 0.423 0.423 0.433 0.433 0.433	Turbidity (NTU) (10% or 1 NTU) 2-3 14 7 6 5 4 4 3 vals) is listed in ear	DO (mg/l) (10% or 0.1 mg/l) 4.09 2.91 1.75 1.48 1.37 1.34 1.36 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35	ORP (mV) (10 mV)* 229,4 213.2, 206,7 196,6 197,6 198,7 178,1 178,1 178,1 178,1
Time 10:15 10:37 10:37 10:37 10:47 10:51 11:07 11:12 11:12 11:12 OBSERVATIO OOOR (SAMPLE DES	Pump Rate (Umln.) Q.100	Total Gallons Removed	Water Level (IR TIC) 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30	Temp. (Celslus) [3%] [7,34] [7,39 [7,52 [7,52 [7,52 [17,80 [17,80 [17,97	(a 1 units)* (a 1 units)* (a . 3 ic. (a . 40) (a . 43) (a . 46) (a . 48) (a . 48) (a . 49)	Sp. Cond. (mS/cm) [3%1] 0.406 0.410 0.410 0.412 0.422 0.423 0.423 0.433 0.433 0.433	Turbidity (NTU) (10% or 1 NTU) 2-3 14 7 6 5 4 4 3 vals) is listed in ear	DO (mg/l) (10% or 0.1 mg/l) 4.09 2.91 1.75 1.48 1.37 1.34 1.36 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35	ORP (mV) (10 mV)* 229,4 213.2, 206,7 196,6 197,6 198,7 178,1 178,1 178,1 178,1
Time 10:15 10:37 10:37 10:37 10:47 10:51 11:07 11:17 The stabilizate OBSERVATIO ODOR:	Pump Rate (Umln.) Q.100	Total Gallons Removed	Water Level (IR TIC) 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30	Temp. (Celslus) [3%] [7,34] [7,39 [7,52 [7,52 [7,52 [17,80 [17,80 [17,97	(a 1 units)* (a 1 units)* (a . 3 ic. (a . 40) (a . 43) (a . 46) (a . 48) (a . 48) (a . 49)	Sp. Cond. (mS/cm) [3%1] 0.406 0.410 0.410 0.412 0.422 0.423 0.423 0.433 0.433 0.433	Turbidity (NTU) (10% or 1 NTU) 2-3 14 7 7 6 6 5 4 4 3 vals) is listed in eace	DO (mg/l) (10% or 0.1 mg/l) 4.09 7.91 1.75 1.37 1.34 1.36 1.35 1.35 1.26 1.25 1.25 1.25 1.25 1.25 1.25 1.25 1.25	ORP (mV) (10 mV)* 229,4 223,2 206,7 196,6 194,1 176,1 176,1 100,4
Time 10:15 10:37 10:37 10:37 10:47 10:47 10:57 11:07 11:17 The stabilizate OBSERVATIO ODORIO SERVATIO ODORIO SERVATIO ODORIO ODORIO SAMPLE DES Laboratory: Delivered Via:	Pump Rate (L/mln.) Q.100	Total Gallons Removed	Water Level (IR TIC) 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30	Temp. (Celslus) [3%] [7,34] [7,39 [7,52 [7,52 [7,52 [17,80 [17,80 [17,97	(a 03(pH (0 1 units)* (a 3 k (a 40) (a 43) (a 46) (a 48) (a 49) (a 49)	Sp. Cond. (mS/cm) [3%]* 0.406 0.410 0.417 0.427 0.427 0.427 0.430 0.433 0.433 0.433 0.433	Turbidity (NTU) (10% or 1 NTU) 2-3 14 7 7 6 6 5 4 4 3 vals) is listed in eace	DO (mg/l) (10% or 0.1 mg/l) 4.09 7.91 1.75 1.37 1.34 1.36 1.35 1.35 1.26 1.25 1.25 1.25 1.25 1.25 1.25 1.25 1.25	ORP (mV) (10 mV)* 229,4 223,2 206,7 196,6 194,1 176,1 176,1 100,4
Time 10:15 10:37 10:37 10:37 10:47 (0.47 (0.52 10:57 11:07 11:12 11:12 COBSERVATIO OOOR (COMPLETED COMPLETED COMPLICATION COMPLETED COMPLETED COMPLETED COMPLICATION COMPLETED COMPLICATION COMPLETED COMPLETED COMPLICATION C	Pump Rate (L/mln.) Q.100	Total Gallons Removed	Water Level (IR TIC) 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30	Temp. (Celslus) [3%]* 17.17 17.39 17.52 17.69 17.71 17.80 11.83 11.78	(a 03(pH (0 1 units)* (a 3 k (a 40) (a 43) (a 46) (a 48) (a 49) (a 49)	Sp. Cond. (mS/cm) [3%1] 0.406 0.410 0.410 0.412 0.422 0.423 0.423 0.433 0.433 0.433	Turbidity (NTU) (10% or 1 NTU) 2-3 14 7 7 6 6 5 4 4 3 vals) is listed in eace	DO (mg/l) (10% or 0.1 mg/l) 4.09 2.91 1.75 1.48 1.37 1.34 1.36 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35	ORP (mV) (10 mV)* 229,4 223,2 206,7 196,6 194,1 176,1 176,1 100,4

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Well Hea	adspace (ppm)				Weather	لاناما	445° F		
WELL INFORM	MATION	\bigcirc					Sample Time	11:35	
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Volume at V Di	Valer Removed of Wall Co Dry? Water Quality M Pump Rate	Y N eter Typo(s) / Sal Fotal Gallons	Water Level	Tomp. (Colsius)	Samples collection of the samples collection	MARSC cted by same mo ETER 3CD.39 Sp. Cond. (inS/cm)	020206 2 AE Turbidity (NTU)	DO 253716	(m
Volume at V Di	Valer Removed of Wall Co Dry? Water Quality M Pump Rate	Y N eter Typo(s) / Sal Fotal Gallons	Water Level	Tomp. (Colsius)	Samples collection of the samples collection	MARSC cted by same me SELER 38CD.39 Sp. Cond. (mS/cm) [3%]*	020206 2 AE Turbidity (NTU)	DO (mg/l) (10% or 0.1 mg/l)	(m [10 r
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Volume at V Di	Valer Removed de Well Go Dry? Water Quality Mell Pump Rate (Umln.)	Total Gallons Removed 1.745	Water Lovel (ft TIC) 10.30	Tomp. (Colsius)	Samples collection of the samples collection	MARSC cted by same me SELER 38CD.39 Sp. Cond. (mS/cm) [3%]*	020206 2 AE Turbidity (NTU)	DO (mg/l) (10% or 0.1 mg/l)	OF (m [10 r 155]
Time 11:21 11:25	Valer Removed de Well Go Dry? Water Quality Mell Pump Rate (Umln.)	Total Gallons Removed 1.745 1.851 1.957	Water Lovel (n TIC) (0.30) 10.30	Tomp. (Colsius)	Samples collection of the samples collection	MARSC cted by same me SELER 38CD.39 Sp. Cond. (mS/cm) [3%]*	020206 2 AE Turbidity (NTU)	DO (mg/l) (10% or 0.1 mg/l) (1.43) (1.35)	OF (m [10 r 155]
Time 11:21 11:25	Valer Removed de Well Go Dry? Water Quality Mell Pump Rate (Umln.)	Total Gallons Removed 1.745 1.851 1.957	Water Lovel (n TIC) (0.30) 10.30	Tomp. (Colsius)	Samples collection of the samples collection	MARSC cted by same me SELER 38CD.39 Sp. Cond. (mS/cm) [3%]*	020206 2 AE Turbidity (NTU)	DO (mg/l) (10% or 0.1 mg/l) (1.43) (1.35)	OF (m [10 r 155]
Time 11:21 11:25	Valer Removed de Well Go Dry? Water Quality Mell Pump Rate (Umln.)	Total Gallons Removed 1.745 1.851 1.957	Water Lovel (n TIC) (0.30) 10.30	Tomp. (Colsius)	Samples collection of the second collection of	MARSC cted by same me SELER 38CD.39 Sp. Cond. (mS/cm) [3%]*	020206 2 AE Turbidity (NTU)	DO (mg/l) (10% or 0.1 mg/l) (1.43) (1.35)	OF (m [10 r 155]
Time 11:21 11:25	Valer Removed de Well Go Dry? Water Quality Mell Pump Rate (Umln.)	Total Gallons Removed 1.745 1.851 1.957	Water Lovel (n TIC) (0.30) 10.30	Tomp. (Colsius)	Samples collection of the second collection of	MARSC cted by same me SELER 38CD.39 Sp. Cond. (mS/cm) [3%]*	020206 2 AE Turbidity (NTU)	DO (mg/l) (10% or 0.1 mg/l) (1.43) (1.35)	OF (m [10 r 155]
Time 11:21 11:25	Valer Removed de Well Go Dry? Water Quality Mell Pump Rate (Umln.)	Total Gallons Removed 1.745 1.851 1.957	Water Lovel (n TIC) (0.30 10.30	Tomp. (Colsius)	Samples collection of the second collection of	MARSC cted by same me SELER 38CD.39 Sp. Cond. (mS/cm) [3%]*	020206 2 AE Turbidity (NTU)	DO (mg/l) (10% or 0.1 mg/l) (1.43) (1.35)	OF (m [10 r 155]
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Time 11: 21 11: 25 11: 24	Valer Removed de Well Go Dry? Water Quality Mater Quality Mater Quality Mater Quality Mater Quality Mater Quality Mater Quality Material Qual	rotal Gallons Removed 1.745 1.851 1.957	Water Lovel (It TIC) (0.30 10.30 10.30	Tomp. (Colsius) [3%] 16,23 16,36 16,36	Samples collection of the second seco	MARSC cred by same mo ETER 3CD.39 Sp. Cond. (inS/cm) [3%]* O.434 O.435 O.435	O2O206 2 AE Turbidity (NTU) [10% or 1 NTU]	DO (mg/l) (10% or 0.1 mg/l) 1.43 1.36 1.35	OF (m [10 r 155]
Time 11: 21 11: 25 11: 24	Valer Removed de Well Go Dry? Water Quality Mater Quality Mater Quality Mater Quality Mater Quality Mater Quality Mater Quality Material Qual	rotal Gallons Removed 1.745 1.851 1.957	Water Lovel (It TIC) (0.30 10.30 10.30	Tomp. (Colsius) [3%] 16,23 16,36 16,36	Samples collection of the second seco	MARSC cred by same mo ETER 3CD.39 Sp. Cond. (inS/cm) [3%]* O.434 O.435 O.435	O2O206 2 AE Turbidity (NTU) [10% or 1 NTU]	DO (mg/l) (10% or 0.1 mg/l) (1.43) (1.35)	OF (m [10 r 155]
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Time 11: 21 11: 25 11: 24	Valer Removed de Well Go Dry? Water Quality Mater Quality Mater Quality Mater Quality Mater Quality Mater Quality Mater Quality Material Qual	rotal Gallons Removed 1.745 1.851 1.957	Water Lovel (It TIC) (0.30 10.30 10.30	Tomp. (Colsius) [3%] 16,23 16,36 16,36	Samples collection of the second seco	MARSC cred by same mo ETER 3CD.39 Sp. Cond. (inS/cm) [3%]* O.434 O.435 O.435	O2O206 2 AE Turbidity (NTU) [10% or 1 NTU]	DO (mg/l) (10% or 0.1 mg/l) 1.43 1.36 1.35	OF (m [10 r 155]
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Time II: 21 II: 25 II: 26 The stabilization observation observ	Valer Removed de Well Go Dry? Water Quality Mater Quality Mater Quality Mater Quality Mater Quality Mater Quality Mater Quality Material Qual	rotal Gallons Removed 1.745 1.851 1.957	Water Lovel (It TIC) (0.30 10.30 10.30	Tomp. (Colsius) [3%] 16,23 16,36 16,36	Samples collection of the second seco	MARSC cted by same mo ETER 3CD.39 Sp. Cond. (inS/cm) [3%]* O.434 O.435 O.435	O2O206 2 AE Turbidity (NTU) [10% or 1 NTU]	DO (mg/l) (10% or 0.1 mg/l) 1.43 1.36 1.35	(m (10 n
Time II: 21 II: 25 II: 24 The stabilization OBSERVATIO	Valer Removed de Well Go Dry? Water Quality Mater Quality Mater Quality Mater Quality Mater Quality Mater Quality Mater Quality Material Qual	rotal Gallons Removed 1.745 1.851 1.957	Water Lovel (It TIC) (0.30 10.30 10.30	Tomp. (Colstus) [3%]: .6.23 .8.36 .9.36 .10.38	Samples collection of the second collected at 3-	MARSC cted by same mo ETER 3CD.39 Sp. Cond. (inS/cm) [3%]* O.434 O.435 O.435	O2O206 2 AE Turbidity (NTU) [10% or 1 NTU]	DO (mg/l) (10% or 0.1 mg/l) 1.43 1.36 1.35	OF (m [10 n 155]

From BAS From TEC From TEC	Oate Weather	required X X X X X X X X X X X X X	Sample Time Sample ID Dublicate ID MS/MSD Solit Sample ID Analytical VOCs VOCs PCBs PCBs (Metals/Inorga PCOO	Parameters: Std. list1 (Exo. list) OCs (Eptal) Dissolved) Janics (Total) lics (Dissolved) JPCDFs Sylveroides	Collected () × ; () × ; × ; × ; × ;
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From Ground From TEC	Eyacantoo Me	required X X X X X X	Sample Time Sample ID Outlicate ID MS/MSD Scht Sample ID Analytical VOCs VOCs SV PCBs PCBs (Metalsthorga PC00 Pesticide Natural	Std Histi (Exp Hist) OCs (Total) Dissolved) Janics (Total) hics (Dissolved) sPCDFs T syllerbicidus	X ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;
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From Ground From TEC	Eyacantoo Me	* * * * * * * * * * * * * * * * * * *	Sample ID Dublicate ID MS/MSD Solit Sample ID Analytical VOCs VOCs SV PCBs PCBs (Metals/Inorga PC00 Posticide Natural	Std Histi (Exp Hist) OCs (Total) Dissolved) Janics (Total) hics (Dissolved) sPCDFs T syllerbicidus	X
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7 16.41	5.57				
7 16.53	5.57	2202	3	12 50	-15 7.0
7 16.53	5.57		<u> </u>	0.29	-1570
7 16.53	5.77	2,202 2,204 2,204	<u>\$</u>		-1570
7 16.53	5.77	2202	5		-1570 -1629 -1621
7 16.53	5.77	2,202 2,204 2,204	\$ 6		-1570 -1629 -1621
7 16.53	5.77	2,202 2,204 2,204	5		-1629 -1629
7 16.53	5.77	2,202 2,204 2,204	5		-1570 -1629 -1621
10	r Temp. (Colsius) (3%)	Samples colle mrs	Samples collected by same and most yST SSC MOS	Samples collected by same inertext as evacuation of ST SSC NOS OF GL # G S (Turbidity (Ins/cm)	Temp. pH Sp Cond Turbidity DO (Culsius) (mS/cm) (NTU) (mg/l) (10% or 0.1 mg/l) (20%) (10% or 1.0 NTU) (10% or 0.1 mg/l) (20%)

Well No Key No.		<u>B-K</u> 537/P6	<u></u>		e/GMA Name	THO	4 H - 3 K/B		
	ground (ppm)		<u> </u>	ou.npm	Date	10/8	10.4		
	ground (ppm) dspace (ppm)		-		Weather	Since	101 · 50's		
well near	uspace (ppm)				Weather	ر المن ع) - 20, 3		
WELL INFORM	ATION						Sample Time	loto	
	Point Marked?	√ N					Sample ID	92.0	- Q
	Reference Point		/ Meas From	TICK	(-C		Duplicate 1D		15
neight of r	Well Diameter		Weas. From		ن ـــد.		MS/MSD		
S			Meas. From	21.5			Split Sample ID		_
	n Interval Depth ter Table Depth	110	Meas. From	716			Opin Oampie ID		
YYA	Well Depth	11.89	Meas. From	77/		Required	Analytical	Parameters:	Collected
Longth of	Water Column	771	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		•	(×)	<u></u>	(Std. list)	(X)
-	of Water in Well		0			()		(Exp. fist)	()
		X.04		TIC		· (×)		OCs	
intake Deptil (of Pump/Tubing	3.04	Weas, From			•		(Total)	(X)
D-f Dain	4) d 4idi 4i					(X)		Dissolved)	(X)
Reference Poin						(X)	•	ganics (Total)	(\(\infty \)
TIC: Top of inn						() ()		•	·
TOC: Top of O		Casing				(X)	=	nics (Dissolved)	
Grade/BGS: Gr	round Surface					(X)		s/PCDFs	(5)
	((🔀)		s/Herbicides	(X)
Redevelop?	YW					()		Attenuation	()
						(X)		(Specify)	$\mathbf{Z}'(\mathbf{X})$
EVACUATION		051						no Dissolve	:D)
	ımp Start Time	<u> </u>				SICELD!			
	imp Stop Time	1121			Evacuation Met	~ /	•	Pump ()	
	tes of Pumping	141			Peristaltic Pum		ibmersible Pump() Other/Spi	ecify ()
Volume of W	ater Removed	<u> </u>	ar		Pump Type:	GEOPUL			
Die	d Well Go Dry?	γ (N)			Samples collec	ted by same me	thod as evacuation	n? (Y) N (speci	fy)
				VIC. CC	1. 1200	200 00			
,	Water Quality M	eter Type(s) / Se		VS1 55		392 AF		22)0	
,	Water Quality M			HACH T	URBIDIME	TER O	210000 28	7	
	Pump	Total	Water	HACH T		Sp. Cond.	210000 2 9 Turbidity	DO	ORP
Time	Pump Rate	Total Gallons	Water Levei	HACH T Temp. (Celsius)	URBIDIME PH	Sp. Cond. (mS/cm)	21 <i>0000</i> 29 Turbidity (NTU)	DO (mg/l)	(mV)
Time	Pump Rate (~(L/min.)	Total	Water Levei (ft TIC)	HACH T	URBIDIME	Sp. Cond.	210000 26 Turbidity (NTU) [10% or 1 NTU]*	DO	
Time 855	Pump Rate (AL/min.)	Total Gallons Removed	Water Level (ft TIC)	HACH T Temp. (Celsius)	URBIDIME PH	Sp. Cond. (mS/cm)	1210000 26 Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l)	(mV)
7ime 855	Pump Rate (c(L/min.)	Total Gallons	Water Level (ft TIC) 4,2	HACH T Temp. (Celsius)	URBIDIME PH	Sp. Cond. (mS/cm)	210000 29 Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l)	(mV)
Time 855 900 905	Pump Rate (c(L/min.) 100 125	Total Gallons Removed	Water Level (ft TIC) 4, 2 4, 2 4, 2	HACH T Temp. (Celsius)	URBIDIME pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	10000 \ \(\) Turbidity (NTU) [10% or 1 NTU]* (0 2 5 \ \)	DO (mg/l)	(mV)
7ime 855 900 905	Pump Rate (c(L/min.)	Total Gallons Removed O - 1699 Or 33-32 O . 4985	Water Level (ft TIC) 4,2	HACH T Temp. (Celsius)	URBIDIME PH	Sp. Cond. (mS/cm) [3%]*	10000 \ \(\) \(\	DO (mg/l)	(mV) [10 mV]*
7 me 855 900 905 911 914	Pump Rate (c(L/min.) 100 125	Total Gallons Removed O-10-19 OF-33-32 O-49-85 O-60-38	Water Level (ft TIC) 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2	HACH T Temp. (Celsius) [3%]* 	URBIDIME pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	10000 19 Turbidity (NTU) [10% or 1 NTU]* (0 2 5 8 44 36 35	DO (mg/l) [10% or 0.1 mg/l]*	(mV)
7ime 855 900 905	Pump Rate (AL/min.) 100 125 125	Total Gallons Removed O-1679 Or3332 O.4985 O.6638	Water Level (ft TIC) 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2	HACH T Temp. (Celsius) [3%]* 	(0.1 units)* [0.1 units]* (0.08 (0.08 (0.08	Sp. Cond. (mS/cm) [3%]* 0.334 6.394	210000 28 Turbidity (NTU) [10% or 1 NTU]* 62 58 46 36 35	DO (mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]* 31.5 12.8 2.0
7 me 855 900 905 911 914	Pump Rate (AL/min.) 100 125 125	Total Gallons Removed O-1699 Or3332 O.4985 O.6638 O.8291 O.9944	Water Level (ft TIC) 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2	HACH T Temp. (Celsius) [3%]* [2.48] 12.55 12.68	[0.1 units]*	Sp. Cond. (mS/cm) [3%]* 0 .334 0 .394 0 .411	210000 28 Turbidity (NTU) [10% or 1 NTU]* 62 58 46 36 35 27 20	DO (mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]*
7 me 855 900 905 911 919 921	Pump Rate (AL/min.) 100 125 125 125 125 125	Total Gallons Removed O-1699 Or3332 O.4985 O.6638 O.8291 O.9944 1.1597	Water Level (ft TIC) 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2	HACH T Temp. (Celsius) [3%]* 	(0.1 units)* [0.1 units]* (0.08 (0.08 (0.08	Sp. Cond. (mS/cm) [3%]* 0.334 6.394	210000 18 Turbidity (NTU) [10% or 1 NTU]* 62 58 He 36 35 27 20 15	DO (mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]* 31.5 12.8 2.0
7 me 855 900 905 911 919 921 921	Pump Rate (AL/min.) 100 125 125 125 125	Total Gallons Removed O-1699 Or3332 O.4985 O.6638 O.8291 O.9944	Water Level (ft TIC) 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2	HACH T Temp. (Celsius) [3%]* [2.48] 12.55 12.68	(0.1 units)* [0.1 units]* (0.08 (0.08 (0.08	Sp. Cond. (mS/cm) [3%]* 0 .334 0 .394 0 .411	210000 28 Turbidity (NTU) [10% or 1 NTU]* 62 58 46 36 35 27 20	DO (mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]* 31.5 12.8 2.0
7 me 855 900 905 911 919 921 921 931	Pump Rate (AL/min.) 100 125 125 125 125 125	Total Gallons Removed O-1699 Or3332 O.4985 O.6638 O.8291 O.9944 1.1597	Water Level (ft TIC) 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2	HACH T Temp. (Celsius) [3%]*	(0.1 units)* [0.1 units]* (0.08 (0.08 (0.08	Sp. Cond. (mS/cm) [3%]* 0 .334 0 .394 0 .411	210000 18 Turbidity (NTU) [10% or 1 NTU]* 62 58 He 36 35 27 20 15	DO (mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]* 31.5 12.8 2.0
7 me 855 900 905 911 919 921 931 9310	Pump Rate (n(L/min.) 100 125 125 125 125 125 125 125 125	Total Gallons Removed O-Hoff Or3332 O.4985 O.6638 O.9291 O.9944 1.1597 1.3250	Water Levei (ft TIC) 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2 4, 2	HACH T Temp. (Celsius) [3%]*	(0.1 units)* [0.1 units]* (0.08 (0.08 (0.08	Sp. Cond. (mS/cm) [3%]* 0 .334 0 .394 0 .411	210000 18 Turbidity (NTU) [10% or 1 NTU]* 62 58 He 36 35 27 20 15	DO (mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]* 31.5 12.8 2.0
7 me 855 900 905 911 916 921 931 931 941 946 951	Pump Rate (AL/min.) 100 125 125 125 125 125 125 125 125 125 125	Total Gallons Removed O-1699 Or3332 O.4985 O.6638 O.9291 O.9944 1.1597 1.3250 1.4903	Water Levei (ft TIC) 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	HACH T Temp. (Celsius) [3%]*	(0.1 units)* [0.1 units)* (0.08) (0.08) (0.07) (0.07) (0.17) (0.17) (0.17) (0.18)	Sp. Cond. (mS/cm) [3%]* 0 394 0 394 0 411 0 453 0 491 0 528 0 576 0 604	210000 28 Turbidity (NTU) [10% or 1 NTU]* 62 58 46 36 35 27 20 15 13 11 12 9	DO (mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]* 31.5 12.8 2.0
7 me 855 900 905 911 916 921 931 931 941 946 951	Pump Rate (AL/min.) 100 125 125 125 125 125 125 125 125 125 125	Total Gallons Removed O-1699 Or3332 O.4985 O.6638 O.9291 O.9944 1.1597 1.3250 1.4903	Water Level (ft TIC) 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.	HACH T Temp. (Celsius) [3%]*	(0.1 units)* (0.1 units)* (0.0 %	Sp. Cond. (mS/cm) [3%]* 0 394 0 394 0 411 0 453 0 494 0 528 0 57/a 0 604	210000 18 Turbidity (NTU) [10% or 1 NTU]* 62 58 He 36 35 27 20 15 13 11 12 9 vals) is listed in eac	DO (mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]*
Time 855 900 905 911 919 921 921 931 931 941 946	Pump Rate (AL/min.) 100 125 125 125 125 125 125 125 125 125 125	Total Gallons Removed O-1699 Or3332 O.4985 O.6638 O.9291 O.9944 1.1597 1.3250 1.4903	Water Levei (ft TIC) 4, 2 4	HACH T Temp. (Celsius) [3%]*	(0.1 units)* (0.1 units)* (0.0 %	Sp. Cond. (mS/cm) [3%]* 0 394 0 394 0 411 0 453 0 494 0 528 0 57/a 0 604	210000 18 Turbidity (NTU) [10% or 1 NTU]* 62 58 He 36 35 27 20 15 13 11 12 9 vals) is listed in eac	DO (mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]*
Time \$55 900 905 911 919 921 921 931 931 941 941 951	Pump Rate (AL/min.) 100 125 125 125 125 125 125 125 125 125 125	Total Gallons Removed O-1679 O-3332 O-4985 O-9291 O-9949 1-1597 1-3250 1-4903 1-16891 I-881	Water Levei (ft TIC) 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.	HACH T Temp. (Celsius) [3%]*	(p. 19) (p. 19) (p. 08) (p. 08) (p. 08) (p. 07) (p. 17) (p. 17) (p. 17) (p. 18) (p. 18) (p. 18) (p. 18) (p. 18) (p. 18)	Sp. Cond. (mS/cm) [3%]* 0 394 0 394 0 411 0 453 0 494 0 528 0 57/a 0 604	10000 28 Turbidity (NTU) [10% or 1 NTU]* (0 2 5 8 4 (0 3.5) 2.7 2.0 1.5 1.3 1.1 1.2 9 vals) is listed in each	DO (mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]*
Time \$55 900 905 911 919 921 921 931 931 941 941 951	Pump Rate (n(L/min.) 100 125 125 125 125 125 125 125 125 125 125	Total Gallons Removed O-1679 O-3332 O-4985 O-9291 O-9949 1-1597 1-3250 1-4903 1-16891 I-881	Water Level (ft TIC) 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.	HACH T Temp. (Celsius) [3%]*	(p. 19) (p. 19) (p. 08) (p. 08) (p. 08) (p. 07) (p. 17) (p. 17) (p. 17) (p. 18) (p. 18) (p. 18) (p. 18) (p. 18) (p. 18)	Sp. Cond. (mS/cm) [3%]* 0.394 0.394 0.453 0.494 0.528 0.553 0.576 0.604 0.5414	10000 28 Turbidity (NTU) [10% or 1 NTU]* (0 2 5 8 4 (0 3.5) 2.7 2.0 1.5 1.3 1.1 1.2 9 vals) is listed in each	DO (mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]*
Time \$55 900 905 911 919 921 926 931 9310 941 946 951	Pump Rate (n(L/min.) 100 125 125 125 125 125 125 125 125 125 125	Total Gallons Removed O-1679 O-3332 O-4985 O-9291 O-9949 1-1597 1-3250 1-4903 1-16891 I-881	Water Level (ft TIC) 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.	HACH T Temp. (Celsius) [3%]*	(p. 19) (p. 19) (p. 08) (p. 08) (p. 08) (p. 07) (p. 17) (p. 17) (p. 17) (p. 18) (p. 18) (p. 18) (p. 18) (p. 18) (p. 18)	Sp. Cond. (mS/cm) [3%]* 0.394 0.394 0.453 0.494 0.528 0.553 0.576 0.604 0.5414	10000 28 Turbidity (NTU) [10% or 1 NTU]* (0 2 5 8 4 (0 3.5) 2.7 2.0 1.5 1.3 1.1 1.2 9 vals) is listed in each	DO (mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]*
Time \$55 900 905 911 919 921 921 931 931 941 941 951	Pump Rate (n(L/min.) 100 125 125 125 125 125 125 125 125 125 125	Total Gallons Removed O-1679 O-3332 O-4985 O-9291 O-9949 1-1597 1-3250 1-4903 1-16891 I-881	Water Level (ft TIC) 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.	HACH T Temp. (Celsius) [3%]*	(p. 19) (p. 19) (p. 08) (p. 08) (p. 08) (p. 07) (p. 17) (p. 17) (p. 17) (p. 18) (p. 18) (p. 18) (p. 18) (p. 18) (p. 18)	Sp. Cond. (mS/cm) [3%]* 0.394 0.394 0.453 0.494 0.528 0.553 0.576 0.604 0.5414	10000 28 Turbidity (NTU) [10% or 1 NTU]* (0 2 5 8 4 (0 3.5) 2.7 2.0 1.5 1.3 1.1 1.2 9 vals) is listed in each	DO (mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]*
Time \$55 900 905 911 919 921 921 931 931 941 941 951	Pump Rate (AL/min.) 100 125 125 125 125 125 125 125 125 125 125	Total Gallons Removed O-1679 O-3332 O-4985 O-9291 O-9944 I-1597 I-3250 I-4903 I-16891 I-881 I-881	Water Level (ft TIC) 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.	HACH T Temp. (Celsius) [3%]*	(p. 19) (p. 19) (p. 08) (p. 08) (p. 08) (p. 07) (p. 17) (p. 17) (p. 17) (p. 18) (p. 18) (p. 18) (p. 18) (p. 18) (p. 18)	Sp. Cond. (mS/cm) [3%]* 0.394 0.394 0.453 0.494 0.528 0.553 0.576 0.604 0.5414	10000 28 Turbidity (NTU) [10% or 1 NTU]* (0 2 5 8 4 (0 3.5) 2.7 2.0 1.5 1.3 1.1 1.2 9 vals) is listed in each	DO (mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]*
Time 855 900 905 911 919 921 921 931 9310 941 940 951 • The stabilizati OBSERVATION Slight	Pump Rate (AL/min.) 100 125 125 125 125 125 125 125 125 125 125	Total Gallons Removed O-1679 O-3332 O-4985 O-9291 O-9944 I-1597 I-3250 I-4903 I-16891 I-881 I-881	Water Level (ft TIC) 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.	HACH T Temp. (Celsius) [3%]*	(p. 19) (p. 19) (p. 08) (p. 08) (p. 08) (p. 07) (p. 17) (p. 17) (p. 17) (p. 18) (p. 18) (p. 18) (p. 18) (p. 18) (p. 18)	Sp. Cond. (mS/cm) [3%]* 0.394 0.394 0.453 0.494 0.528 0.553 0.576 0.604 0.5414	10000 28 Turbidity (NTU) [10% or 1 NTU]* 62 58 46 36 35 27 20 15 13 11 12 9 vals) is listed in each	DO (mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]*
Time 855 900 905 911 919 921 921 931 931 941 951 The stabilizati OBSERVATION Slight	Pump Rate (AL/min.) 100 125 125 125 125 125 125 125 125 125 125	Total Gallons Removed O-1679 O-3332 O-4985 O-9291 O-9944 I-1597 I-3250 I-4903 I-16891 I-881 I-881	Water Level (ft TIC) 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.	HACH T Temp. (Celsius) [3%]*	(p. 19) (p. 19) (p. 08) (p. 08) (p. 08) (p. 07) (p. 17) (p. 17) (p. 17) (p. 18) (p. 18) (p. 18) (p. 18) (p. 18) (p. 18)	Sp. Cond. (mS/cm) [3%]* 0.394 0.394 0.453 0.494 0.528 0.553 0.576 0.604 0.5414	10000 28 Turbidity (NTU) [10% or 1 NTU]* 62 58 46 36 35 27 20 15 13 11 12 9 vals) is listed in each	DO (mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]*
Time 855 900 905 911 919 921 921 931 931 941 941 951 The stabilizate OBSERVATION Slight	Pump Rate (AL/min.) 100 125 125 125 125 125 125 125 125 125 125	Total Gallons Removed O-1679 O-3332 O-4985 O-9291 O-9944 I-1597 I-3250 I-4903 I-16891 I-881 I-881	Water Level (ft TIC) 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.	HACH T Temp. (Celsius) [3%]*	(pH) [0.1 units]* (b. 08) (c. 07) (c. 09) (c. 17) (c. 17) (c. 18) (c. 18) collected at 3- to	Sp. Cond. (mS/cm) [3%]* 0.394 0.394 0.453 0.494 0.528 0.553 0.576 0.604	10000 28 Turbidity (NTU) [10% or 1 NTU]* 62 58 46 36 35 27 20 15 13 11 12 9 vals) is listed in each	DO (mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]*
Time 855 900 905 911 919 921 921 931 931 941 951 The stabilizati OBSERVATION Slight	Pump Rate (AL/min.) 100 125 125 125 125 125 125 125 125 125 125	Total Gallons Removed O-1679 O-3332 O-4985 O-9291 O-9944 I-1597 I-3250 I-4903 I-16891 I-881 I-881	Water Level (ft TIC) 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.	HACH T Temp. (Celsius) [3%]*	(p. 19) (p. 19) (p. 08) (p. 08) (p. 08) (p. 07) (p. 17) (p. 17) (p. 17) (p. 18) (p. 18) (p. 18) (p. 18) (p. 18) (p. 18)	Sp. Cond. (mS/cm) [3%]* 0.394 0.394 0.453 0.494 0.528 0.553 0.576 0.604	10000 28 Turbidity (NTU) [10% or 1 NTU]* 62 58 46 36 35 27 20 15 13 11 12 9 vals) is listed in each	DO (mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]*

Well No.	921	ኢ <i></i> የ		Site/	GMA Name	G	MA -3		
Key No.	253	57 / PW)		Samplin	g Personnel	TAP.	KLB		
_	round (ppm)	21-(•	Date	1618	04		
_	space (ppm)				Weather	Sum	ny, 60s		
						_	/		
WELL INFORMA	TION	_					Sample Time	1010	
Reference F	Point Marked?	(Y) N ,		_			Sample ID _	<u> 32.6-</u>	<u>R</u>
Height of Re	eference Point	2.28	Meas. From _	<u>BG-S</u>			Duplicate ID _	'	
-	Well Diameter	2"		_			MS/MSD _		<u></u>
Screen	Interval Depth	2-12/	Meas. From _	<u>B6S</u>			Split Sample ID		
Wate	r Table Depth	4.181	Meas. From _	TIC					
	Well Depth	11.84	Meas. From _	TIC		Required		Parameters:	Collected
Length of \	Water Column	7.71	0			(X)		Std. list)	(X)
Volume of	Water in Well	1.26 ga		Tie		()		Exp. list)	()
Intake Depth of	Pump/Tubing	8.04	Meas. From _	TIC		(X)		OCs	(X)
						(X)		(Total)	(X)
Reference Point	Identification:					(\mathcal{S})		issolved)	(X)
TIC: Top of Inne	r (PVC) Casing	l				(X)		ganics (Total)	(\mathbf{X})
TOC: Top of Our	ter (Protective)	Casing		•		(Σ)	=	ics (Dissolved)	(**)
Grade/BGS: Gro	ound Surface					(<u>X</u>)		:/PCDFs	(X)
						(X)		/Herbicides	
Redevelop?	Y (N)					()		Attenuation	(X)
	_					$(\mathbf{X})_{C}$		Specify) Ful + dissc	
EVACUATION IN	NFORMATION							ru 4 cu 230	(ca)
Pur	mp Start Time	\$24					ulfide	Pump ()	
Pui	mp Stop Time	1127			Evacuation Met		•		ecify ()
Minute	es of Pumping	<u> 147</u>	0		Peristaltic Pum	- /	omersible Pump() Other/Sp	ecity ()
Volume of Wa	ater Removed	<u>5.29 ga</u>	Y.		Pump Type:			n? Y N (spec	ifo
Did	Well Go Dry?	$\lambda (N)$			Samples collec	ted by same me	thod as evacuation	II (abec	117)
		oten Temple) / Sou	riol Numbors:	Ver	556 M	rs o	300392		
٧	Vater Quality M	eter Type(s) / Se	rial Numbers:		556 M	ips of		0000 283	329
V				HAC	H tu	bidine	fer 02	0000 283	329 ORP
	Pump	Total	Water	HAC Temp.	556 M H +w	sp. Cond.	fer 02.	TZ"	
V Time	Pump Rate	Total Gallons	Water Level	HAC Temp. (Celsius)	PH PH	Sp. Cond. (mS/cm)	Turbidity (NTU)	DO	ORP
	Pump Rate (L/min.)	Total Gailons Removed	Water Level (ft TIC)	HA(Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU)	DO (mg/l)	ORP (mV)
Time	Pump Rate (L/min.)	Total Gailons Removed 2,0193	Water Level (ft TIC) 4.22	HA(Temp. (Celsius) [3%]*	pH +un pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* O. (015)	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
Time 4510	Pump Rate (L/min.) 25	Total Gallons Removed 7,0193	Water Level (ft TIC) 4.22 4.22	HAC Temp. (Celsius) [3%]* 13.12 13.25	pH Hur pH [0.1 units]* (o.19 G.23	Sp. Cond. (mS/cm) [3%]* O · [0]5 O · [0]5	fer 02 Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
Time	Pump Rate (L/min.)	Total Gailons Removed 2,0193	Water Level (ft TIC) 4.22	HA(Temp. (Celsius) [3%]*	pH +un pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* O · [6]5	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* 0.55 0.52	ORP (mV) [10 mV]*
Time 4510	Pump Rate (L/min.) 25	Total Gallons Removed 7,0193	Water Level (ft TIC) 4.22 4.22	HAC Temp. (Celsius) [3%]* 13.12 13.25	pH Hur pH [0.1 units]* (o.19 G.23	Sp. Cond. (mS/cm) [3%]* O · [0]5 O · [0]5	fer 02 Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* 0.55 0.52	ORP (mV) [10 mV]*
Time 4510	Pump Rate (L/min.) 25	Total Gallons Removed 7,0193	Water Level (ft TIC) 4.22 4.22	HAC Temp. (Celsius) [3%]* 13.12 13.25	pH Hur pH [0.1 units]* (o.19 G.23	Sp. Cond. (mS/cm) [3%]* O · [0]5 O · [0]5	fer 02 Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* 0.55 0.52	ORP (mV) [10 mV]*
Time 4510	Pump Rate (L/min.) 25	Total Gallons Removed 7,0193	Water Level (ft TIC) 4.22 4.22	HAC Temp. (Celsius) [3%]* 13.12 13.25	pH Hur pH [0.1 units]* (o.19 G.23	Sp. Cond. (mS/cm) [3%]* O · [0]5 O · [0]5	fer 02 Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* 0.55 0.52	ORP (mV) [10 mV]*
Time 4510	Pump Rate (L/min.) 25	Total Gallons Removed 7,0193	Water Level (ft TIC) 4.22 4.22	HAC Temp. (Celsius) [3%]* 13.12 13.25	pH Hur pH [0.1 units]* (o.19 G.23	Sp. Cond. (mS/cm) [3%]* O · [0]5 O · [0]5	fer 02 Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* 0.55 0.52	ORP (mV) [10 mV]*
Time 4510	Pump Rate (L/min.) 25	Total Gallons Removed 7,0193	Water Level (ft TIC) 4.22 4.22	HAC Temp. (Celsius) [3%]* 13.12 13.25	pH Hur pH [0.1 units]* (o.19 G.23	Sp. Cond. (mS/cm) [3%]* O · [0]5 O · [0]5	fer 02 Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* 0.55 0.52	ORP (mV) [10 mV]*
Time 4510	Pump Rate (L/min.) 25	Total Gallons Removed 7,0193	Water Level (ft TIC) 4.22 4.22	HAC Temp. (Celsius) [3%]* 13.12 13.25	pH Hur pH [0.1 units]* (o.19 G.23	Sp. Cond. (mS/cm) [3%]* O · [0]5 O · [0]20	fer 02 Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* 0.55 0.52	ORP (mV) [10 mV]*
Time 4510	Pump Rate (L/min.) 25	Total Gallons Removed 7,0193	Water Level (ft TIC) 4.22 4.22	HAC Temp. (Celsius) [3%]* 13.12 13.25	pH Hur pH [0.1 units]* (o.19 G.23	Sp. Cond. (mS/cm) [3%]* O · [0]5 O · [0]20	fer 02 Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* 0.55 0.52	ORP (mV) [10 mV]*
Time 4510	Pump Rate (L/min.) 25	Total Gallons Removed 7,0193	Water Level (ft TIC) 4.22 4.22	HAC Temp. (Celsius) [3%]* 13.12 13.25	pH Hur pH [0.1 units]* (o.19 G.23	Sp. Cond. (mS/cm) [3%]* O · [0]5 O · [0]20	fer 02 Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* 0.55 0.52	ORP (mV) [10 mV]*
Time 4510 1001 1005	Pump Rate (L/min.) [25] [25] [25]	Total Gallons Removed 2,0193 2,1946 2,3500	Water Level (ft TiC) イ・22 イ・22	HAC Temp. (Celsius) [3%]* 13.12 13.25 13,30	pH [0.1 units]* (0.19 (0.23 (0	Sp. Cond. (mS/cm) 3% * O. (e15 O. (e27	Turbidity (NTU) [10% or 1 NTU]* 8 7 8	DO (mg/l) [10% or 0.1 mg/l]* O:55 O:57 O:54	ORP (mV) [10 mV]* -46.8 -47.5 -47.4
Time 4540 1001 1005	Pump Rate (L/min.) [25	Total Gallons Removed 2,0193 2,1946 2,3500	Water Level (ft TiC) 4.22 4.22 7.22	HAC Temp. (Celsius) [3%]* 13.12 13.25 13,30	pH [0.1 units]* (0.19 (0.23 (0	Sp. Cond. (mS/cm) 3% * O. (e15 O. (e27	Turbidity (NTU) [10% or 1 NTU]* 8 7 8	DO (mg/l) [10% or 0.1 mg/l]* O:55 O:57 O:54	ORP (mV) [10 mV]* -46.8 -47.5 -47.4
Time 4500 1001 1005	Pump Rate (L/min.) [25	Total Gallons Removed 2,0193 2,1946 2,3500	Water Level (ft TiC) 4.22 4.22 7.22 ter (three consecutions	HAC Temp. (Celsius) [3%]* 13.12 13.25 13,30	pH [0.1 units]* (0.19 (0.23 (0	Sp. Cond. (mS/cm) 3% * O. (e15 O. (e27	Turbidity (NTU) [10% or 1 NTU]* 8 7 8	DO (mg/l) [10% or 0.1 mg/l]* 0.55 0.52 0.54	ORP (mV) [10 mV]* -46.8 -47.5 -47.4
Time 45.0 1001 1005	Pump Rate (L/min.) [25	Total Gallons Removed 2,0193 2,1946 2,3500	Water Level (ft TiC) 4.22 4.22 7.22 ter (three consecutions	HAC Temp. (Celsius) [3%]* 13.12 13.25 13,30	pH [0.1 units]* (0.19 (0.23 (0	Sp. Cond. (mS/cm) 3% * O. (e15 O. (e27	Turbidity (NTU) [10% or 1 NTU]* 8 7 8	DO (mg/l) [10% or 0.1 mg/l]* O:55 O:57 O:54	ORP (mV) [10 mV]* -46.8 -47.5 -47.4
Time 45.0 1001 1005	Pump Rate (L/min.) [25	Total Gallons Removed 2,0193 2,1946 2,3500	Water Level (ft TiC) 4.22 4.22 7.22 ter (three consecutions	HAC Temp. (Celsius) [3%]* 13.12 13.25 13,30	pH [0.1 units]* (0.19 (0.23 (0	Sp. Cond. (mS/cm) 3% * O. (e15 O. (e27	Turbidity (NTU) [10% or 1 NTU]* 8 7 8	DO (mg/l) [10% or 0.1 mg/l]* O:55 O:57 O:54	ORP (mV) [10 mV]* -46.8 -47.5 -47.4
Time 45.0 1001 1005	Pump Rate (L/min.) [25	Total Gallons Removed 2,0193 2,1946 2,3500	Water Level (ft TiC) 4.22 4.22 7.22 ter (three consecutions	HAC Temp. (Celsius) [3%]* 13.12 13.25 13,30	pH [0.1 units]* (0.19 (0.23 (0	Sp. Cond. (mS/cm) 3% * O. (e15 O. (e27	Turbidity (NTU) [10% or 1 NTU]* 8 7 8	DO (mg/l) [10% or 0.1 mg/l]* O:55 O:57 O:54	ORP (mV) [10 mV]* -46.8 -47.5 -47.4
Time 45.0 1001 1005 The stabilizati OBSERVATION	Pump Rate (L/min.) 25 25 25 25	Total Gallons Removed 2,0193 2,1946 2,3500	Water Level (ft TiC) 4.22 4.22 7.22 ter (three consecutions	HAC Temp. (Celsius) [3%]* 13.12 13.25 13,30	pH [0.1 units]* (0.19 (0.23 (0	Sp. Cond. (mS/cm) 3% * O. (e15 O. (e27	Turbidity (NTU) [10% or 1 NTU]* 8 7 8	DO (mg/l) [10% or 0.1 mg/l]* O:55 O:57 O:54	ORP (mV) [10 mV]* -46.8 -47.5 -47.4
Time 4500 1001 1005 The stabilizati OBSERVATION (X 9) SAMPLE DEST	Pump Rate (L/min.) [25] [25] [25] [25] [25] [25] [25] [25]	Total Gallons Removed 2,0193 2,1946 2,3500	Water Level (ft TiC) 4.22 4.22 7.22 ter (three consecutions	HAC Temp. (Celsius) [3%]* 13.12 13.25 13,30	pH [0.1 units]* (0.19 (0.23 (0	Sp. Cond. (mS/cm) 3% * O. (e15 O. (e27	Turbidity (NTU) [10% or 1 NTU]* 8 7 8	DO (mg/l) [10% or 0.1 mg/l]* O:55 O:57 O:54	ORP (mV) [10 mV]* -46.8 -47.5 -47.4
Time 4500 1001 1005 The stabilizati OBSERVATION (X 90) SAMPLE DEST Laboratory:	Pump Rate (L/min.) [25] [25] [25] [25] (25) On criteria for e NS/SAMPLING 201 C O	Total Gallons Removed 2,0193 2,1946 2,3500	Water Level (ft TiC) 4.22 4.22 7.22 ter (three consecutions	HAC Temp. (Celsius) [3%]* 13.12 13.25 13,30	pH [0.1 units]* (0.19 (0.23 (0	Sp. Cond. (mS/cm) 3% * O. (e15 O. (e27	Turbidity (NTU) [10% or 1 NTU]* 8 7 8 vals) is listed in ea	DO (mg/l) [10% or 0.1 mg/l]* O:55 O:52 O:54 ch column heading.	ORP (mV) [10 mV]* -46.8 -47.5 -47.4
Time 45.0 1001 1005 The stabilizati OBSERVATION X 40 SAMPLE DEST Laboratory: Delivered Via:	Pump Rate (L/min.) 25 25 25 25 1	Total Gallons Removed 2,0193 2,1946 2,3500	Water Level (ft TiC) 4.22 4.22 7.22 ter (three consecutions	HAC Temp. (Celsius) [3%]* 13.12 13.25 13,30	pH [0.1 units]* (o.19 (o.23 (o.23) collected at 3- AL Pu	Sp. Cond. (mS/cm) 3% * O. (e15 O. (e20 O. (e27) O. (e27)	Turbidity (NTU) [10% or 1 NTU]* 8 7 8 vals) is listed in ea	DO (mg/l) [10% or 0.1 mg/l]* O.55 O.52 O.54 ch column heading.	ORP (mV) [10 mV]* -46.8 -47.5 -47.4
Time 45.0 1001 1005 The stabilizati OBSERVATION X 40 SAMPLE DEST Laboratory: Delivered Via:	Pump Rate (L/min.) [25] [25] [25] [25] (25) On criteria for e NS/SAMPLING 201 C O	Total Gallons Removed 2,0193 2,1946 2,3500	Water Level (ft TiC) 4.22 4.22 7.22 ter (three consecutions	HAC Temp. (Celsius) [3%]* 13.12 13.25 13,30	pH [0.1 units]* (o.19 (o.23 (o.23) collected at 3- AL Pu	Sp. Cond. (mS/cm) 3% * O. (e15 O. (e27	Turbidity (NTU) [10% or 1 NTU]* 8 7 8 vals) is listed in ea	DO (mg/l) [10% or 0.1 mg/l]* O:55 O:57 O:54	ORP (mV) [10 mV]* -46.8 -47.5 -47.4

Well No.		89 B		Site	/GMA Name	GMA-	\$		
	FX-3			-	ng Personnel		7.77		
_	ground (ppm)				Date	12 3 11	:/	<u> </u>	-
				-	Weather	~ ~~~ ~~			
AAGII LIGA	dspace (ppm)			-	TT Giller	DIETU	51		
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C	id Well Go Dry ^g			より	Samples colle	Cled by same mor	inna de avacuatio	17 (Y) N (Spoc	IV)
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	Burne	- Total	Water	Tump.	OH	Sp. Cond.	Turbidity	00	ORP
	Pump	ł.		1	pH	l ' I		. ,	
Time	Rate	Gallons	Lavoi	(Celsius)		(inS/cm)	(NTU)	(mg/l) 🗸	(mV)
	(Umin.)	Removed	(it TiC)	[3%]	[0.1 (mits)]*	[3,7].	IN IN STUI	[10% or 0.1 mg/l]*	[10 mV]*
1108	100	0.132	2.81	<u> </u>	 _		45		<u> </u>
1113	120	0 204	2.82				50		
1/15	100	10.396	2.82	<u> </u>	<u> </u>	i	52		
11.23	100	12.528	281	-			25		
11385	150	10.776	2,77	13.108	6.52	0.616	31	1.24.7247	-79.3
	120	0. 885	2.7.0	13.56	1,45	0500	28	1.10-7 10.2	- Ig.4
1130	1 22	i bull	201	13.1.5	1.45	0.319	16	V. C.O = 0	- Z
1/25	15.	1, 543	200	12 81	1 / /	-	200	V 2-7 4 77	-83.6
1190	160	1. 403	2.01	13.54	0.5/	6821	27	Pr.T. + CAT	
1145	176	1. 562	2.16	15/5/	4.57	0000	20	0 70	58.1
1150	120	1.521	2.81	15.67	6.56	0825	19	0.6.1	-91-4
1155	17.0	1.6730	231	15.77	6.5+	OBET	17	0.59	-72.9
1200	120	1.839	2.81	13.81	4.5Z	0.826	16	0.53	-95-2
* The architect		each (ield carame	ler (three cons	secutive readings	collected at 3-	to 5-minute interv	rals) is listed in ea	ch column heading.	
				seconve readings	concens at o-	to sammete intere	0.57 15 11010 111 00	o	
OBSERVATION	ONSISAMPLIN	G METHOD DEVI	ATIONS						
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C Vincuments and Settings/lipescrit, ocal Settings/Tempis5rt 199 Attachment D-2 a

Weil No.	8715			5110	NOWA Name	COMA-	\		
	Fx-37				ng Personnel		T37		
	(ground (ppm)	0			Date	10/4/04			
	idspace (ppm)				Weather	Over	.		
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	Weil Dameler						MS/MSD	DUP-9	
Scree	n Interval Depth		Meas From	·				N8-GW000	
	iter Table Depth						op ddingle IO	200 30000	25 2-0- YC
	Well Depth		Meas From			Required	Analytical	Parameters:	Collected
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	ig Weil Go Dry? Water Quality M	latar Typa(s) / Sc			Samples collec	Sp. Cond. (inS/cm)			
	id Weil Go Dry? Water Quality N	Total Gallons Removed	Water Level (It TIC)	Tomp. {Colslus} [3%]*	Samples collec	Sp. Cond. (InS/cm) [2%]*	Turbidity (NTU)	DO (mg/l)	ORP (mV) {10 mV]*
	u Wail Go Dry? Water Quality N Pump Rate	ntor Typu(s) / Sc * - Fotal Gallons	Water Level	Tomp. {Colslus}	Samples collections of the samples collections o	Sp. Cond. (inS/cm)	Turbidity (NTU)	DO (mg/l)	ORP (mV) (10 mV)*
Time 1205	d Weil Go ()ry? Water Quality N Pump Rate (L/min.)	Total Gallons Removed	Water Level (It TIC)	Tomp. {Colslus} [3%]*	Samples colled pH [0.1 units]*	Sp. Cond. (inS/cm) [3%]* 0.827 0.828	Turbidity (NTU)	DO (mg/l) (10% or 0.1 mg/l) &- 47 7 0-44	ORP (mV) {10 mV]*
71me	Waler Quality N Pump Rate (L/min.)	Fotal Gallons Removed 1. 497 2.157 2.316	Water Level (II TIC) Z. B.O	Tomp. (Colslus) [3%]* /3.87	gH [0 1 units]*	Sp. Cond. (inS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	00 (mg/l) (10% or 0.1 mg/l) 3-47 0-44	ORP (mV) (10 mV)*
Time 17.05 ;210 ;215	Waler Quality N Pump Rate (L/min.)	Total Gallons Removed 1. 977 2./57	Water Level (II TIC) 2.60 2-81	Tomp. (Cotalua) [3%]* / 3.8 +	pH [0 1 units]* 6 - 5 3 [0 - 12]	Sp. Cond. (inS/cm) [3%]* 0.827 0.828	Turbidity (NTU) (10% or 1 NTU)* i (0 i 4	DO (mg/l) (10% or 0.1 mg/l) &- 47 7 0-44	ORP (mV) (10 mV)*
Time 17.05 17.10 17.15 17.15	Water Quality N Pump Rate (L/min.) / ZO / ZO	Fotal Gallons Removed 1. 497 2.157 2.316	Water Level (II TIC) 2.60 2-81 2.71	Tomp. (Caislus) (3%)* / 3.67 / 3.99	gH [0 1 units]* 6 - 5 - 3 10 - 1/1 6 - 6 - 0	Sp. Cond. (mS/cm) [3%] 0.827 0.828	Turbidity (NTU) [10% or 1 NTU]* i (0 i 4	00 (mg/l) (10% or 0.1 mg/l) 2-47 0-44 0-43 0-43	ORP (mV) (10 mV)*
Time 1705 1210 1215	Wailer Quality Mater Quality Mater Quality Mater Quality Mater Quality Mater Quality Material	Total Gallons Removed 1. 447 2.157 2.316 2.475	Water Level (II TIC) 2.60 2-81 2.71	Tomp. (Catalua) [3%]* / 3.87 / 3.99 / 3.99 / 5.95	gH [0 1 units]* 6 - 5 - 3 10 - 12 6 - 60 6 - 60	Sp. Cond. (inS/cm) [3%]' 0.827 0.828 0.830	Turbidity (NTU) [10% or 1 NTU]* i (4 i 3 i Z	00 (mg/l) (10% or 0.1 mg/l) 3-47 0-44	ORP (mV) (10 mV)*
Time 17.05 17.10 17.15 17.15	Water Quality N Pump Rate (L/min.) / ZO / ZO	Total Gallons Removed 1. 447 2.157 2.316 2.475	Water Level (II TIC) 2.60 2-81 2.71	Tomp. (Catalua) [3%]* / 3.87 / 3.99 / 3.99 / 5.95	gH [0 1 units]* 6 - 5 - 3 10 - 12 6 - 60 6 - 60	Sp. Cond. (inS/cm) [3%]' 0.827 0.828 0.830	Turbidity (NTU) [10% or 1 NTU]* i (4 i 3 i Z	00 (mg/l) (10% or 0.1 mg/l) 2-47 0-44 0-43 0-43	ORP (mV) (10 mV)*
Time 17.05 17.10 17.15 17.15	Water Quality N Pump Rate (L/min.) / ZO / ZO	Total Gallons Removed 1. 447 2.157 2.316 2.475	Water Level (II TIC) 2.60 2-81 2.71	Tomp. (Catalua) [3%]* / 3.87 / 3.99 / 3.99 / 5.95	gH [0 1 units]* 6 - 5 - 3 10 - 12 6 - 60 6 - 60	Sp. Cond. (inS/cm) [3%]' 0.827 0.828 0.830	Turbidity (NTU) [10% or 1 NTU]* i (4 i 3 i Z	00 (mg/l) (10% or 0.1 mg/l) 2-47 0-44 0-43 0-43	ORP (mV) (10 mV)*
Time 17.05 17.10 17.15 17.15	Water Quality N Pump Rate (L/min.) / ZO / ZO	Total Gallons Removed 1. 447 2.157 2.316 2.475	Water Level (II TIC) 2.60 2-81 2.71	Tomp. (Catalua) [3%]* / 3.87 / 3.99 / 3.99 / 5.95	gH [0 1 units]* 6 - 5 - 3 10 - 12 6 - 60 6 - 60	Sp. Cond. (inS/cm) [3%]' 0.827 0.828 0.830	Turbidity (NTU) [10% or 1 NTU]* i (4 i 3 i Z	00 (mg/l) (10% or 0.1 mg/l) 2-47 0-44 0-43 0-43	ORP (mV) (10 mV)*
Time 17.05 ;210 ;215 ;220	Water Quality N Pump Rate (L/min.) / ZO / ZO	Total Gallons Removed 1. 447 2.157 2.316 2.475	Water Level (II TIC) 2.60 2-81 2.71	Tomp. (Catalua) [3%]* / 3.87 / 3.99 / 3.99 / 5.95	gH [0 1 units]* 6 - 5 - 3 10 - 12 6 - 60 6 - 60	Sp. Cond. (inS/cm) [3%]' 0.827 0.828 0.830	Turbidity (NTU) [10% or 1 NTU]* i (4 i 3 i Z	00 (mg/l) (10% or 0.1 mg/l) 2-47 0-44 0-43 0-43	ORP (mV) (10 mV)*
Time 17.05 ;210 ;215 ;220	Water Quality N Pump Rate (L/min.) / ZO / ZO	Total Gallons Removed 1. 447 2.157 2.316 2.475	Water Level (II TIC) 2.60 2-81 2.71	Tomp. (Catalua) [3%]* / 3.87 / 3.99 / 3.99 / 5.95	gH [0 1 units]* 6 - 5 - 3 10 - 12 6 - 60 6 - 60	Sp. Cond. (inS/cm) [3%]' 0.827 0.828 0.830	Turbidity (NTU) [10% or 1 NTU]* i (4 i 3 i Z	00 (mg/l) (10% or 0.1 mg/l) 2-47 0-44 0-43 0-43	ORP (mV) (10 mV)*
Time 17.05 ;210 ;215	Water Quality N Pump Rate (L/min.) / ZO / ZO	Total Gallons Removed 1. 447 2.157 2.316 2.475	Water Level (II TIC) 2.60 2-81 2.71	Tomp. (Catalua) [3%]* / 3.87 / 3.99 / 3.99 / 5.95	gH [0 1 units]* 6 - 5 - 3 10 - 12 6 - 60 6 - 60	Sp. Cond. (inS/cm) [3%]' 0.827 0.828 0.830	Turbidity (NTU) [10% or 1 NTU]* i (4 i 3 i Z	00 (mg/l) (10% or 0.1 mg/l) 2-47 0-44 0-43 0-43	ORP (mV) {10 mV)*
Time 12.05 12.10 12.25 1220 1225	Waler Quality Mater Quality Materials	Fotal Gallons Removed 1. 477 2.157 2.316 2.475 2.634	Water Level (It TIC) 2.80 2-81 2.81 2.81	Tomp. (Catalus) [3%]* /3.84 /3.94 /3.95 /5.95	9H 0 1 units * 6 - 53 10-101 6 - 100 10-100 6 - 100	Sp. Cond. (mS/cm) [2%]* 0.827 0.828 0.830 0.830	Turbidity (NTU) (10% or 1 NTU) i lo i 4 / 3 / Z /Z	00 (mg/l) (10% or 0.1 mg/l) 3.47 0.44 0.43 0.42 0.42	ORP (mV) (10 mV)* - 93. 7 - 95.2 - 97.2 - 96.1
Time /205 ;210 ;225 /220 /225	Waler Quality Mater Quality Mater Quality Mater Quality Mater Quality Mater Quality Materials (Limin.) ZO	Total Gallons Removed 1. 997 2.157 2.316 2.475 2.475	Water Level (It TIC) 2.80 2-81 2.81 2.81	Tomp. (Catalus) [3%]* /3.84 /3.94 /3.95 /5.95	9H 0 1 units * 6 - 53 10-101 6 - 100 10-100 6 - 100	Sp. Cond. (mS/cm) [2%]* 0.827 0.828 0.830 0.830	Turbidity (NTU) (10% or 1 NTU) i lo i 4 / 3 / Z /Z	00 (mg/l) (10% or 0.1 mg/l) 2-47 0-44 0-43 0-43	ORP (mV) (10 mV) - 93. 7 - 95. 1 - 96. 1 - 97. 1
Time 12.05 12.10 12.5 1220 1225	Waler Quality Mater Quality Mater Quality Mater Quality Mater Quality Mater Quality Materials (Limin.) ZO	Fotal Gallons Removed 1. 477 2.157 2.316 2.475 2.634	Water Level (It TIC) 2.80 2-81 2.81 2.81	Tomp. (Catalus) [3%]* /3.84 /3.94 /3.95 /5.95	9H 0 1 units * 6 - 53 10-101 6 - 100 10-100 6 - 100	Sp. Cond. (mS/cm) [2%]* 0.827 0.828 0.830 0.830	Turbidity (NTU) (10% or 1 NTU) i lo i 4 / 3 / Z /Z	00 (mg/l) (10% or 0.1 mg/l) 3.47 0.44 0.43 0.42 0.42	ORP (mV) (10 mV) - 93.7 - 95.7 - 95.1 - 97.1
Time 7205 ;210 ;25 [220]225	Waler Quality Mater Quality Mater Quality Mater Quality Mater Quality Mater Quality Materials (Limin.) ZO	Total Gallons Removed 1. 997 2.157 2.316 2.475 2.475	Water Level (It TIC) 2.80 2-81 2.81 2.81	Tomp. (Catalus) [3%]* /3.84 /3.94 /3.95 /5.95	9H 0 1 units * 6 - 53 10-101 6 - 100 10-100 6 - 100	Sp. Cond. (mS/cm) [2%]* 0.827 0.828 0.830 0.830	Turbidity (NTU) (10% or 1 NTU) i lo i 4 / 3 / Z /Z	00 (mg/l) (10% or 0.1 mg/l) 2-4-7 0-44 0-43 0-42 0-45	ORP (mV) (10 mV) - 93. 7 - 95. 1 - 96. 1 - 97. 1
Time 12.05 12.10 12.5 1220 1225	Waler Quality Mater Quality Mater Quality Mater Quality Mater Quality Mater Quality Materials (Limin.) ZO	Total Gallons Removed 1. 997 2.157 2.316 2.475 2.475	Water Level (It TIC) 2.80 2-81 2.81 2.81	Tomp. (Catalus) [3%]* /3.84 /3.94 /3.95 /5.95	9H 0 1 units * 6 - 53 10-101 6 - 100 10-100 6 - 100	Sp. Cond. (mS/cm) [2%]* 0.827 0.828 0.830 0.830	Turbidity (NTU) (10% or 1 NTU) i lo i 4 / 3 / Z /Z	00 (mg/l) (10% or 0.1 mg/l) 2-4-7 0-44 0-43 0-42 0-45	ORP (mV) (10 mV) - 93.7 - 95.2 - 97.0 - 98.1
TIme /205 :210 /225 /220 /225	Waler Quality Mater Quality Mater Quality Mater Quality Mater Quality Mater Quality Materials (Limin.) ZO	Total Gallons Removed 1. 997 2.157 2.316 2.475 2.475	Water Level (ITTC) 2.60 2-81 2.81 2.81 2.81 2.81 All three conse	Tomp. (Catalus) [3%]* /3.84 /3.94 /3.95 /5.95	9H 0 1 units * 6 - 53 10-101 6 - 100 10-100 6 - 100	Sp. Cond. (mS/cm) [2%]* 0.827 0.828 0.830 0.830	Turbidity (NTU) (10% or 1 NTU) i lo i 4 / 3 / Z /Z	00 (mg/l) (10% or 0.1 mg/l) 2-4-7 0-44 0-43 0-42 0-45	ORP (mV) (10 mV) - 93.7 - 95.2 - 97.0 - 98.1
Time // 05 ;210 ;215 // 225 * The stabiliza OBSERVATIO	Water Quality Mater Quality Mater Quality Mater Quality Mater Quality Mater Quality Material Quality Materia	Total Gallons Removed 1. 997 2.157 2.316 2.475 2.475	Water Level (It TIC) 2.80 2-81 2.81 2.81	Tomp. (Catalus) [3%]* /3.84 /3.94 /3.95 /5.95	9H 0 1 units * 6 - 53 10-101 6 - 100 10-100 6 - 100	Sp. Cond. (mS/cm) [2%]* 0.827 0.828 0.830 0.830	Turbidity (NTU) (10% or 1 NTU) i lo i 4 / 3 / Z /Z	00 (mg/l) (10% or 0.1 mg/l) 2-4-7 0-44 0-43 0-42 0-45	ORP (mV) (10 mV) - 93.7 - 95.7 - 95.1 - 97.1
Time // 05 ;210 ;215 // 225 The stabiliza OBSERVATIO	Water Quality Mater Quality Mater Quality Mater Quality Mater Quality Mater Quality Material Quality Materia	Total Gallons Removed 1. 997 2.157 2.316 2.475 2.475	Water Level (ITTC) 2.60 2-81 2.81 2.81 2.81 2.81 All three conse	Tomp. (Catalus) [3%]* /3.84 /3.94 /3.95 /5.95	9H 0 1 units * 6 - 53 10-101 6 - 100 10-100 6 - 100	Sp. Cond. (mS/cm) [2%]* 0.827 0.828 0.830 0.830	Turbidity (NTU) (10% or 1 NTU) i lo i 4 / 3 / Z /Z	00 (mg/l) (10% or 0.1 mg/l) 2-4-7 0-44 0-43 0-42 0-45	ORP (mV) (10 mV) - 93.7 - 95.2 - 97.0 - 98.1
Time // OS ; 210 / Z15 / Z20 / Z25 The stabiliza OBSERVATIO SAMPLE DE: Laborator	Water Quality Mater Quality Mater Quality Mater Quality Mater Quality Mater Quality Material Quality Materia	Total Gallons Removed J. 177 2-157 2-157 2-157 2-154 ach field parame METHOO DEVI.	Water Level (ITTC) 2.60 2-81 2.81 2.81 2.81 2.81 All three conse	Tomp. (Catalus) [3%]* /3.84 /3.94 /3.95 /5.95	9H 0 1 units * 6 - 53 10-101 6 - 100 10-100 6 - 100	Sp. Cond. (mS/cm) [2%]* 0.827 0.828 0.830 0.830	Turbidity (NTU) (10% or 1 NTU) i 6 i 7 i 7 i 7 i 8 i 8 i 8 i 8 i 8	00 (mg/l) (10% or 0.1 mg/l) 3.47 0.44 0.43 0.42 0.42	ORP (mV) (10 mV) -93.7 -95.2 -95.1 -97.1
Time Time Time Time Time Time Time The stabilization Company The stabilization Company The stabilization The stabilization The stabilization The stabilization The stabilization The stabilization	Water Quality Mater Quality Mater Quality Mater Quality Mater Quality Mater Quality Material Quality Materia	Total Gallons Removed J. 177 2-157 2-157 2-157 2-154 ach field parame METHOO DEVI.	Water Level (ITTC) 2.60 2-81 2.81 2.81 2.81 2.81 All three conse	Tomp. (Calslus) [3%]* / 3.8 + / 3.99 / 3.99 / 3.99 cutive readings	gH [0 1 units]* 6 - 5 3 Lo-Del Co-led collected at 3-	Sp. Cond. (mS/cm) [2%]* 0.827 0.830 0.830 0.830	Turbidity (NTU) (10% or 1 NTU) i 6 i 7 i 7 i 7 i 8 i 8 i 8 i 8 i 8	00 (mg/l) (10% or 0.1 mg/l) 3.47 0.44 0.43 0.42 0.42	ORP (mV) (10 mV) -93.7 -95.2 -97.0 -96.1
Time Time	Water Quality Mater Quality Mater Quality Mater Quality Mater Quality Mater Quality Material Quality Materia	Total Gallons Removed J. 177 2-157 2-157 2-157 2-154 ach field parame METHOO DEVI.	Water Level (ITTC) 2.60 2-81 2.81 2.81 2.81 2.81 All three conse	Tomp. (Calslus) [3%]* / 3.8 + / 3.99 / 3.99 / 3.99 cutive readings	gH [0 1 units]* 6 - 5 3 Lo-Del Co-led collected at 3-	Sp. Cond. (mS/cm) [2%]* 0.827 0.828 0.830 0.830	Turbidity (NTU) (10% or 1 NTU) i 6 i 7 i 7 i 7 i 8 i 8 i 8 i 8 i 8	00 (mg/l) (10% or 0.1 mg/l) 2-4-7 0-44 0-43 0-42 0-45	ORP (mV) (10 mV) - 93.7 - 95.1 - 97.1

Well No	90 R			Site	Out		tield -GA		
	FX-37			Sampling	Personnel _(SAR 15 1	F/K		
-	round (ppm) _				Date	9/7/04			
-		<u> </u>	····		Weather -	97/04 Sunny 65	-700F		
Men Head:	space (ppm) _							_	
							Sample Time	<u> </u>	<u>5</u>
LL INFORMAT		<i>(</i>) "					Sample ID	908	
	Point Marked?	۳, »,	Meas. From	mound			Ouplicate ID		
	elerence Point		Meas.: Ioni						
	Well Diameter _		Meas, From 6	en est		5	Split Sample ID		
Şareen li	Interval Depth _								
Water	r Table Depth	3.95	Meas. From			Required	Analytical Pa	rameters:	Collected
	Well Depth	16.77	Meas, From	<u> </u>		(X)	VOCs (S	td. list)	(*)
Length of V	Water Column	<u>0,1 </u>	_			()	VQCs (E	xp. list)	()
Volume of 1	Water in Well	1.13 callon	Meas. From	- 1-		(X)	svo		() ()
take Depth of	Pump/Tubing	12.45	Meas. From	,		(火)	PCBs ((بخر)
							PCBs (Dir		()
erence Point l	dentification					(X)	Metals/Inorga		(بگر)
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C: Top of Out	ter (Protective) (Casing				(> →	PCDDs/		(X)
ide/BGS. Gro	ound Surface					(*)			() (1)
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develop?	Y (19)					. 1	Natural At		() (سر)
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ACUATION I	NFORMATION					•	JK17141		
	ites of Pumping Vater Removed	340 340 340	40 WAA 3.	75 culloni F	Peristaltic Pump Pump Type	Geo Pu	mersible Pump (
Volume of W	Vater Removed d Well Go Dry?	- 30	and Alumbors	75 gulloni F	Pump Type Samples collection	Geo Paned by same method	mp# 2 od as evacuation?	√Y N (specify)	
Volume of W	Vater Removed d Well Go Dry?	- 30	and Alumbors	75 gulloni F	Pump Type Samples collection	Geo Paned by same method	mp# 2 od as evacuation?	√Y N (specify)	ly)
Volume of W	Vater Removed d Well Go Dry? Water Quality	Y N Meter Type(s) / S	and Alumbors	75 gulloni F	Pump Type Samples collection	Geo Pu	mp# 2 od as evacuation?	√Y N (specify)	y) GRP
Volume of W	Vater Removed d Well Go Dry? Water Quality	Y Moder Type(s) / S	enal Numbers	75 gulloni F 151 557 Have 2100	Pump Type. Samples collecto MP3. PTurle	Geo Psa ad by same method Of C146 direction to Sp. Cond. (mS/cm)	mp# Z ad as evacuation? A # Z 000 O C Turbidity (NTU)	N (specif 子 プ DO (mg/i)	ORP (mV)
Volume of W	Vater Removed d Well Go Dry? Water Quality Pump Rate	Meter Type(s) / S Total . Gallons	enal Numbers Water Level	7 Squlloni F YSI SSZ Huch Z/86 Temp.	Pump Type. Samples collecto MP3. PTurle	Geo Psa ad by same method Of C146 direction to Sp. Cond. (mS/cm)	mp# Z ad as evacuation? A # Z 000 O C Turbidity (NTU)	⑦ N (specif 子 よ の の	ORP (mV)
Volume of W Did	Vater Removed d Well Go Dry? Water Quality Pump Rate (L/min.)	Y No. Meter Type(s) / S Total . Gallons Removed	Water Level (ft TIC)	75 gullon: F YS1 S37 Hach 2/00 Temp. (Celstus)	Pump Type. Samples collection A P 3 P Turli pH	Geo Psa ad by same method Of C146 direction to Sp. Cond. (mS/cm)	mp# Z ad as evacuation? A # Z 000 O C Turbidity (NTU)	N (specif 3 25323 DO (mg/i) 110% or 0.1 mg/ll*	ORP (mV)
Volume of W Dic	Vater Removed d Well Go Dry? Water Quality Pump Rate (L/min.)	Meter Type(s) / S Total . Gallons Removed	Water Level (ft TIC)	75 gullon: F YS1 S37 Hach 2/00 Temp. (Celstus)	Pump Type. Samples collection A P 3 P Turli pH	Geo Psa ad by same method Of C146 direction to Sp. Cond. (mS/cm)	M P Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	N (specif 子 プ DO (mg/i)	ORP (mV)
Volume of W Did	Vater Removed d Well Go Dry? Water Quality Pump Rate (L/min.) 700 m1	Meter Type(s) / S Total . Gallons Removed 0.13	Water Level (ft TIC) 6.03	75 gullon: F YS1 S37 Hach 2/00 Temp. (Celstus)	Pump Type. Samples collection A P 3 P Turli pH	Geo Psa ad by same method Of C146 direction to Sp. Cond. (mS/cm)	M P Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	N (specif 3 25323 DO (mg/i) 110% or 0.1 mg/ll*	ORP (mV)
Volume of W Did	Vater Removed d Well Go Dry? Water Quality Pump Rate (Umin.) 700m1 0.100	Meter Type(s) / S Total . Gallons Removed	Water Level (ft TIC) G. 03 U. (X-) (0. [X-]	75 gullon: F YS1 S37 Hach 2/00 Temp. (Celstus)	Pump Type. Samples collection A P 3 P Turli pH	Geo Psa ad by same method Of C146 direction to Sp. Cond. (mS/cm)	M P Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	N (specif 3 25323 DO (mg/i) 110% or 0.1 mg/ll*	ORP (mV)
Volume of W Did	Vater Removed d Well Go Dry? Water Quality Pump Rate (Umin.) /00ml 0.100	Meter Type(s) / S Total . Gallons Removed 0.13 0.13 0.173	Water Level (ft TIC) 6.03 0.04 0.04	75 gullon: F YS1 537 Have 2/80 Temp. (Celsius) 13%1- 14.10 14.10 14.10	Pump Type. Samples collector AP3. P Turlo pH 10.1 unitsl* 7.50 10.94	Geo Pia ed by same method O? CI YG d; method Sp. Cond. (mS/cm) [3%]: O. 29% O. 294	M P Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	N (specif 3 25323 DO (mg/i) 110% or 0.1 mg/ll*	ORP (mV)
Volume of W Did	Pump Rate (Umin.) 7.00ml 0.100 1.00	Meter Type(s) / S Total . Gallons Removed 0.13 0.13 0.135 0.156	Water Level (ft TIC) 6.03 0.04 0.04 C.CH	75 gallon: F 751 538 Mach 2/80 Temp. (Ceisius) 13%1- 14.10 14.10 14.10 14.10 13.97	Pump Type. Samples collector AP3. P Turlo pH 10.1 unitsl* 7.50 10.94	Geo Pia ed by same method O? CI YG d; method Sp. Cond. (mS/cm) [3%]: O. 29% O. 294	M P Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	N (specif 3 25323 DO (mg/i) 110% or 0.1 mg/ll*	ORP (mV)
Volume of W Did	Vater Removed d Well Go Dry? Water Quality Pump Rate (Umin.) /00ml 0.100	Meter Type(s) / S Total . Gallons Removed 0.13 0.13 0.173	Water Level (ft TIC) 6.03 0.04 0.04	75 gullon: F YS1 537 Have 2/80 Temp. (Celsius) 13%1- 14.10 14.10 14.10	Pump Type. Samples collector AP3. P Turlo pH 10.1 unitsl* 7.50 10.94	Geo Pia ed by same method O? CI YG d; method Sp. Cond. (mS/cm) [3%]: O. 29% O. 294	M P Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	N (specif 3 25323 DO (mg/i) 110% or 0.1 mg/ll*	ORP (mV)
Volume of W Did	Pump Rate (Umin.) 7.00ml 0.100 1.00	Meter Type(s) / S Total . Gallons Removed 0.13 0.13 0.135 0.156	Water Level (ft TIC) 6.03 0.04 0.04 C.CH	75 gallon: F 751 538 Mach 2/80 Temp. (Ceisius) 13%1- 14.10 14.10 14.10 14.10 13.97	Pump Type. Samples collector AP3. P Turlo pH 10.1 unitsl* 7.50 10.94	Geo Pia ed by same method O? CI YG d; method Sp. Cond. (mS/cm) [3%]: O. 29% O. 294	M P Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	N (specif 3 25323 DO (mg/i) 110% or 0.1 mg/ll*	ORP (mV)
Volume of W Did	Pump Rate (Umin.) 7.00ml 0.100 1.00	Meter Type(s) / S Total . Gallons Removed 0.13 0.13 0.135 0.156	Water Level (ft TIC) 6.03 0.04 0.04 C.CH	75 gallon: F 751 538 Mach 2/80 Temp. (Ceisius) 13%1- 14.10 14.10 14.10 14.10 13.97	Pump Type. Samples collector AP3. P Turlo pH 10.1 unitsl* 7.50 10.94	Geo Pia ed by same method O? CI YG d; method Sp. Cond. (mS/cm) [3%]: O. 29% O. 294	M P Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	N (specif 3 25323 DO (mg/i) 110% or 0.1 mg/ll*	ORP (mV)
Volume of W Did	Pump Rate (Umin.) 7.00ml 0.100 1.00	Meter Type(s) / S Total . Gallons Removed 0.13 0.13 0.135 0.156	Water Level (ft TIC) 6.03 0.04 0.04 C.CH	75 gallon: F 751 538 Mach 2/80 Temp. (Ceisius) 13%1- 14.10 14.10 14.10 14.10 13.97	Pump Type. Samples collector AP3. P Turlo pH 10.1 unitsl* 7.50 10.94	Geo Pia ed by same method O? CI YG d; method Sp. Cond. (mS/cm) [3%]: O. 29% O. 294	M P Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	N (specif 3 25323 DO (mg/i) 110% or 0.1 mg/ll*	ORP (mV)
Volume of W Did	Pump Rate (Umin.) 7.00ml 0.100 1.00	Meter Type(s) / S Total . Gallons Removed 0.13 0.13 0.135 0.156	Water Level (ft TIC) 6.03 0.04 0.04 C.CH	75 gallon: F 751 538 Mach 2/80 Temp. (Ceisius) 13%1- 14.10 14.10 14.10 14.10 13.97	Pump Type. Samples collector AP3. P Turlo pH 10.1 unitsl* 7.50 10.94	Geo Pia ed by same method O? CI YG d; method Sp. Cond. (mS/cm) [3%]: O. 29% O. 294	M P Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	N (specif 3 25323 DO (mg/i) 110% or 0.1 mg/ll*	ORP (mV)
Volume of W Did	Pump Rate (Umin.) 7.00ml 0.100 1.00	Meter Type(s) / S Total . Gallons Removed 0.13 0.13 0.135 0.156	Water Level (ft TIC) 6.03 0.04 0.04 C.CH	75 gallon: F 751 538 Mach 2/80 Temp. (Ceisius) 13%1- 14.10 14.10 14.10 14.10 13.97	Pump Type. Samples collector AP3. P Turlo pH 10.1 unitsl* 7.50 10.94	Geo Pia ed by same method O? CI YG d; method Sp. Cond. (mS/cm) [3%]: O. 29% O. 294	M P Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	N (specif 3 25323 DO (mg/i) 110% or 0.1 mg/ll*	ORP (mV)
Volume of W Did	Pump Rate (Umin.) D 100 D 100 D 100 D 100	Meter Type(s) / S Total . Gallons Removed 0.13 0.13 0.153 0.100 0.173	Water Level (ft TIC) 6.03 0.04 0.04 0.04	75 gallon: F YS1 533 Have 2/80 Temp. (Celsius) 13%1- 14.10 14.10 14.10 13.97 13.81	Pump Type. Samples collector AP3. P Turlo pH 10.1 unitsl* 7.50 1.02 1.02 1.02 1.03 1.05	Geo Pia and by same method O 3 C 1 4 G d, method : O Sp. Cond. (mS/cm) (3%): O 2 3 4 O 3 5 4 O 3 6 4 O 3 6 4 O 3 8 4 O 3 8 4	M P * Z Dd as evacuation? I A / * I Z / 000 O c Turbidity (NTU) 10% or 1 NTUI' Z	(7) N (specifically specifically specificall	ORP (mV)
Time V: 45 14: 55 15: 00 15: 10 The stabilizat	Pump Rate (Umin.) D.100 D.100 D.100 D.100 D.100 D.100 D.100	Meter Type(s) / S Total Gallons Removed 0.13 0.13 0.13 0.13 0.13 0.13 0.13 0.13	Water Level (ft TIC) G.O3 Q.O4 G.O4 G.O4 COO	75 gallon: F YS1 533 Have 2/80 Temp. (Celsius) 13%1- 14.10 14.10 14.10 13.97 13.81	Pump Type. Samples collector AP3. P Turlo pH 10.1 unitsl* 7.50 1.02 1.02 1.02 1.03 1.05	Geo Pia ed by same method O? CI YG d; method Sp. Cond. (mS/cm) [3%]: O. 29% O. 294	M P * Z Dd as evacuation? I A / * I Z / 000 O c Turbidity (NTU) 10% or 1 NTUI' Z	(7) N (specifically specifically specificall	ORP (mV)
Time Y? YS 14 .55 15 . DO 15 . DS The stabilizat	Pump Rate (Umin.) D 100 D 100 D 100 D 100 D 100 D 100	Meter Type(s) / S Total . Gallons Removed 0.13 0.13 0.13 0.13 0.17 0.17	Water Level (ft TIC) G. O.3 G. C.4 G. C.4 G. C.7	75 gallon: F	Pump Type. Samples collected A P3. P Turlo pH 10.1 unitsl* 10.94 10.93 10.93	Geo Pia and by same method OFCIYG direction of the control Sp. Cond. (mS/cm) (3%): O-294 O-294 O-284 O-2	M P * Z Dod as evacuation? I A / W Z / 000 O c Turbidity (NTU) 10% or 1 NTUI* Z s) is listed in each	N (specifically specifically sp	ORP (mV)
Time 7: 45 14: 55 15: 00 15: 00	Pump Rate (Umin.) D 100 D 100 D 100 D 100 D 100 D 100	Meter Type(s) / S Total . Gallons Removed 0.13 0.13 0.13 0.13 0.17 0.17	Water Level (ft TIC) G. O.3 G. C.4 G. C.4 G. C.7	75 gallon: F	Pump Type. Samples collected A P3. P Turlo pH 10.1 unitsl* 10.94 10.93 10.93	Geo Pia and by same method OFCIYG direction of the control Sp. Cond. (mS/cm) (3%): O-294 O-294 O-284 O-2	M P * Z Dd as evacuation? I A / W Z / 000 O c Turbidity (NTU) 10% or 1 NTUI* Z s) is listed in each	N (specifically specifically sp	ORP (mV)
Time 7: 45 14: 50 15: 00 15: 00	Pump Rate (Umin.) D 100 D 100 D 100 D 100 D 100 D 100	Meter Type(s) / S Total . Gallons Removed 0.13 0.13 0.13 0.13 0.17 0.17	Water Level (ft TIC) G. O.3 G. C.4 G. C.4 G. C.7	75 gallon: F	Pump Type. Samples collected A P3. P Turlo pH 10.1 unitsl* 10.94 10.93 10.93	Geo Pia and by same method OFCIYG direction of the control Sp. Cond. (mS/cm) (3%): O-294 O-294 O-284 O-2	M P * Z Dd as evacuation? I A / W Z / 000 O c Turbidity (NTU) 10% or 1 NTUI* Z s) is listed in each	N (specifically specifically sp	ORP (mV)
Time Time Y2 45 14 55 15 00 15 05	Pump Rate (Umin.) D 100 D 100 D 100 D 100 D 100 D 100	Meter Type(s) / S Total . Gallons Removed 0.13 0.13 0.13 0.13 0.17 0.17	Water Level (ft TIC) G. O.3 G. C.4 G. C.4 G. C.7	75 gallon: F	Pump Type. Samples collected A P3. P Turlo pH 10.1 unitsl* 10.94 10.93 10.93	Geo Pia and by same method O 3 C 1 4 G d, method : O Sp. Cond. (mS/cm) (3%): O 2 3 4 O 3 5 4 O 3 6 4 O 3 6 4 O 3 8 4 O 3 8 4	M P * Z Dd as evacuation? I A / W Z / 000 O c Turbidity (NTU) 10% or 1 NTUI* Z s) is listed in each	N (specifically specifically sp	ORP (mV)
Time Time V: YS 14:50 15:00 15:10	Pump Rate (Umin.) D 100 D 100 D 100 D 100 D 100 D 100	Meter Type(s) / S Total . Gallons Removed 0.13 0.13 0.13 0.13 0.17 0.17	Water Level (ft TIC) G. O.3 G. C.4 G. C.4 G. C.7	75 gallon: F	Pump Type. Samples collected A P3. P Turlo pH 10.1 unitsl* 10.94 10.93 10.93	Geo Pia and by same method OFCIYG direction of the control Sp. Cond. (mS/cm) (3%): O-294 O-294 O-284 O-2	M P * Z Dd as evacuation? I A / W Z / 000 O c Turbidity (NTU) 10% or 1 NTUI* Z s) is listed in each	N (specifically specifically sp	ORP (mV)
Time Time 14:50 14:55 15:00 15:10 The stabilizations are in the stabilizations are in the stabilizations are in the stabilizations.	Vater Removed d Well Go Dry? Water Quality Pump Rate (Umin.) / 00 m1 D .1 00	Meter Type(s) / S Total . Gallons Removed 0.13 0.13 0.13 0.13 0.17 0.17	Water Level (ft TIC) G. O.3 G. C.4 G. C.4 G. C.7	75 gallon: F	Pump Type. Samples collected A P3. P Turlo pH 10.1 unitsl* 7.50 (c. 94) (d. 93) (d. 93)	Geo Pia and by same method OFCIYG directive: O Sp. Cond. (mS/cm) [3%!* O-294 O-364 O-364 O-364 O-364 O-364 O-364 O-364 O-364 O-364 O-364 O-364 O-364 O-364 O-364 O-364 O-364 O-364 O-366 O	M P * Z Dod as evacuation? I A / M Z / 000 O c Turbidity (NTU) 10% or 1 NTU)* Z S) is listed in each	(i) N (specifically specifically specificall	CRP (mV) (10 mV) -362 X 314.1 357.2 353.7
Time Volume of W Did Time V? Y5 14 50 15 DO 15 DO The stabilizationservation The stabilization SAMPLE DES	Pump Rate (Umin.) 100ml 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Meter Type(s) / S Total . Gallons Removed 0.13 0.13 0.133 C. (CC 0.173 ach field paramet	water Level (ft TIC) G. 03 Q. (X-)	75 gallon: F 75 [53] 4 an 2/80 Temp. (Celsius) 13%1 14, /C 14, /C 14, /C 13, 51 13, 51	Pump Type. Samples collected A P3. P Turlo pH 10.1 unitsl* 7.50 (c. 94) (d. 93) (d. 93)	Geo Pia and by same method OFCIYG directive: O Sp. Cond. (mS/cm) [3%!* O-294 O-294 O-364 O	M P * Z Dod as evacuation? I A / M Z / 000 O c Turbidity (NTU) 10% or 1 NTU)* Z S) is listed in each	(i) N (specifically specifically specificall	CRP (mV) (10 mV)* -362X 314.1 357.2 353Z
Time Volume of W Dio Time V? YS IA 50 IA 50 IA 50 The stabilization SAMPLE DES Laboratory	Pump Rate (Umin.) 100ml 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Meter Type(s) / S Total . Gallons Removed 0.13 0.13 0.13 C.CC 0.17 ach field paramet	water Level (ft TIC) G. 03 O. (X-)	75 gallon: F 75 [53] 4 and 2/86 Temp. (Celsius) 13% [Pump Type. Samples collected A P3. P Turlo pH 10.1 unitsl* 7.50 (c. 94) (d. 93) (d. 93)	Geo Pia and by same method OFCIYG directive: O Sp. Cond. (mS/cm) [3%!* O-294 O-294 O-364 O	M P * Z Dod as evacuation? I A / M Z / 000 O c Turbidity (NTU) 10% or 1 NTU)* Z S) is listed in each	(i) N (specifically specifically specificall	CRP (mV) (10 mV) -362 X 314.1 357.2 353.7
Time Time Y? YS III 50 III	Vater Removed d Well Go Dry? Water Quality Pump Rata (Umin.) / 00 m1 D 100 D 100	Meter Type(s) / S Total . Gallons Removed 0.13 0.13 0.133 C. (CC 0.173 ach field paramet	Water Level (ft TIC) G. 03 Q. (X-) Q	75 gallon: F 75 [53] 4 and 2/86 Temp. (Celsius) 13% [Pump Type. Samples collected A P3. P Turlo pH 10.1 unitsl* 7.50 (c. 94) (d. 93) (d. 93)	Geo Pia and by same method OFCIYG directive: O Sp. Cond. (mS/cm) [3%!* O-294 O-294 O-364 O	M P * Z Dod as evacuation? I A / M Z / 000 O c Turbidity (NTU) 10% or 1 NTU)* Z S) is listed in each	N (specifically specifically sp	CRP (mV) (10 mV) -362 X 314.1 357.2 353.7

Well No.	$ \frac{\mathcal{G}}{\mathcal{G}}$	5B-K		Site	/GMA Name	<u>JMA</u>	<u>వ</u> ై		
Key No.	25	<u> 37 </u>		Samplir	ng Personnel	JAP, L	<u> </u>		
PID Backs	ground (ppm)				Date	10/14	04		
Well Head	dspace (ppm)				Weather	PCIC	UDY, 4	hc ^e	
								Class	
WELL INFORMA							Sample Time	920	
	Point Marked?		4'	010			Sample ID	420 P	
Height of R	eference Point	> 5 4."	Meas. From	<u> 665</u>			Duplicate ID	<u> </u>	
	Well Diameter	2"		0.6.6			MS/MSD (COLECTE	(1)
	Interval Depth	<u>3~13′ </u>	Meas. From	<u> 665</u>			Split Sample ID		
Wat	er Table Depth	<u> </u>	Meas. From	$\Box C$				_	
	Well Depth	13.63	Meas. From			Required		Parameters:	Collected
Length of	Water Column	8.04	^			(\mathbf{X})	-∨OCs	(Std. list)	(X)
Valume o	f Water in Well	<u>1.31 90</u>	ᆚ	راسب		()		(Exp. list)	()
Intake Depth o	f Pump/Tubing	9.61	Meas. From	TIC		(\checkmark)	⊬SV	OCs(EXP)	(X)
						(*)	-PCBs	(Total)	(\sqrt{\sq}\sqrt{\sq}}}}}}}}}} \end{\sqrt{\sq}}}}}}}}}}}}}} \end{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sq}}}}}}}}}} \end{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sq}}}}}}}}}} \end{\sqrt{\sqrt{\sqrt{\sqrt{\sq}}}}}}}}}}} \end{\sqni}}}} \end{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\eqs}
Reference Point	Identification:					(\times)	-PCBs (I	Dissolved)	$(\widehat{\mathbf{X}})$
TIC: Top of Inne		1				(\times)	-Metals/Inor	ganics (Total)	$(\widehat{\mathbf{x}})$
TOC: Top of Ou						(★)	-Metals/Inorgar	nics (Dissolved)	(♥)
Grade/BGS: Gr	•	J				(×)	PCDD:	s/PCDFs	(3)
OraderDOO. Or						(4)		s/Herbicides	
Dadamalaa2	× (N)					()		Attenuation	· × ′
Redevelop?	' 🕛					(*)		(Specify)	()
								CTAL+ DI	(* * · · · · · · · · · · · · · · · · ·
EVACUATION I		O 14						CIALFIN	776MED
	mp Start Time	341					CLFIDE	5 ()	
	ımp Stop Time	15:45			Evacuation Me	,	•	Pump ()	
Minut	es of Pumping	<u> 346 min</u>	Á		Peristaltic Pum	7 7	bmersible Pump () Other/Sp	ecify ()
Volume of W	ater Removed	4.849	al		Pump Type:		UMP 2		
Dic	Well Go Dry?	$\rightarrow \bigcirc$			Samples collec	ited by same me	thod as evacuation	n? (Y) N (speci	ify)
		-A T(-) / C-	rial Mumbara:	7015	515 02	11/2012	.1 =		
'	Water Quality M	eter Type(s) / Se	erial Numbers:	YS155		C0312	HE ER 02	10000 7 932	29
\		· · ·		HACH	TURR	DIMET		10000 2.832	ORP ORP
	Pump	Total	Water	HACH Temp.		Sp. Cond.	Turbidity	DO	ORP
Time	Pump Rate	Total Gallons	Water Level	Temp. (Celsius)	TURR PH	Sp. Cond. (mS/cm)	Turbidity (NTU)	DO (mg/l)	ORP (mV)
Time	Pump Rate (L/min.)	Total	Water Level (ft TIC)	HACH Temp.	TURR	Sp. Cond.	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l)	ORP
Time 829	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius)	TURR PH	Sp. Cond. (mS/cm)	Turbidity (NTU)	DO (mg/l)	ORP (mV)
Time 829 83 24	Pump Rate (L/min.)	Total Gallons	Water Level (ft TIC) 5.61 5.61	Temp. (Celsius) [3%]*	TURR PH	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l)	ORP (mV)
Time 829	Pump Rate (L/min.) 100	Total Gallons Removed (),1588	Water Level (R TIC) 5.61 5.61	HACH Temp. (Cetsius) [3%]*	7 UR (2 pH [0.1 units]*	Sp. Cond. (mS/cm)	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* 	ORP (mV)
Time 829 83 24	Pump Rate (L/min.) 100 100	Total Gallons Removed 0.1588 0.7911 0.4234	Water Level (R TIC) 5.61 5.61 5.61	HACH Temp. (Celsius) [3%]* ————————————————————————————————————	TURIZ pH [0.1 units]* 	Sp. Cond. (mS/cm) [3%]* - 0.576 0.575	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* 	ORP (mV)
Time 829 837 842 847 852	Pump Rate (L/min.) 100 100 100	Total Gallons Removed 0.1588 0.2911 0.4234	Water Level (ft TIC) 5. [a] 5. [c] 5. [c] 5. [c]	HACH Temp. (Cetsius) [3%]* 	(0.1 units)* (0.7 (-2.2 (34 (41)	Sp. Cond. (mS/cm) [3%]* - 0.576 0.575 0.575	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* 	ORP (mV)
Time 829 837 842 847 352 857	Pump Rate (L/min.) 100 100	Total Gallons Removed (7,1588 0,2911 0,4234 0,5557	Water Level (R TIC) -5.61 -5.61 -5.61 -5.61 -5.61	HACH Temp. (Celsius) [3%]" ————————————————————————————————————	(0.1 units)* (0.1 units)* (0.27 (0.34 (0.41) (0.48	Sp. Cond. (mS/cm) [3%]* - 0.576 0.575 0.575 0.576	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* 	ORP (mV)
Time 829 837 842 847 852	Pump Rate (L/min.) 100 100 100	Total Gallons Removed .1588 0.7911 0.4234 0.5557 0.6880 0.8203	Water Level (ft TIC) 5. [a] 5. [a] 5. [c] 5. [c] 5. [c] 5. [c] 5. [c]	HACH Temp. (Celsius) [3%]* 	(0.1 units)* (0.7 (-2.2 (34 (41)	Sp. Cond. (mS/cm) [3%]* - 0.576 0.575 0.575 0.576 0.576	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* 	ORP (mV)
Time 829 837 842 847 352 857	Pump Rate (L/min.) 100 100 100	Total Gallons Removed	Water Level (ft TIC) 5.61 5.61 5.61 5.61 5.61 5.61 5.61 5.61	HACH Temp. (Celsius) [3%]* 	(0.1 units)* (0.1 units)* (0.27 (0.34 (0.41) (0.48	Sp. Cond. (mS/cm) [3%]* 0.574 0.575 0.575 0.575 0.575 0.575	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* 4, 15 1. 74 C. 44 C. 46 C. 416 O. 50 O. 58	ORP (mV)
Time 829 837 842 847 352 857	Pump Rate (L/min.) i 0-6 i 00 i 00 i 00 i 00 i 00 i 00	Total Gallons Removed .1588 0.7911 0.4234 0.5557 0.6880 0.8203	Water Level (ft TIC) 5. [a] 5. [a] 5. [c] 5. [c] 5. [c] 5. [c] 5. [c]	HACH Temp. (Celsius) [3%]* 	(0.1 units)* (0.1 units)* (0.27 (0.34 (0.41) (0.48	Sp. Cond. (mS/cm) [3%]* - 0.576 0.575 0.575 0.576 0.576	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* 	ORP (mV)
Time \$29 \$3 9 \$42 \$47 352 \$57	Pump Rate (L/min.) 100 100 100 100 100 100 100 1	Total Gallons Removed	Water Level (ft TIC) 5.61 5.61 5.61 5.61 5.61 5.61 5.61	HACH Temp. (Cetsius) [3%]* 	7 VR (2 pH [0.1 units]* 	Sp. Cond. (mS/cm) [3%]* 0.574 0.575 0.575 0.575 0.575 0.575	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* 4, 15 1. 74 C. 44 C. 46 C. 416 O. 50 O. 58	ORP (mV)
Time \$29 \$3 9 \$42 \$47 352 \$57	Pump Rate (L/min.) 100 100 100 100 100 100 100 1	Total Gallons Removed	Water Level (ft TIC) 5.61 5.61 5.61 5.61 5.61 5.61 5.61	HACH Temp. (Celsius) [3%]* 	7 VR (2 pH [0.1 units]* 	Sp. Cond. (mS/cm) [3%]* 0.574 0.575 0.575 0.575 0.575 0.575	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* 4, 15 1. 74 C. 44 C. 46 C. 416 O. 50 O. 58	ORP (mV)
Time 829 837 842 847 352 857	Pump Rate (L/min.) 100 100 100 100 100 100 100 1	Total Gallons Removed	Water Level (ft TIC) 5.61 5.61 5.61 5.61 5.61 5.61 5.61	HACH Temp. (Cetsius) [3%]* 	7 VR (2 pH [0.1 units]* 	Sp. Cond. (mS/cm) [3%]* 0.574 0.575 0.575 0.575 0.575 0.575	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* 4, 15 1. 74 C. 44 C. 46 C. 416 O. 50 O. 58	ORP (mV)
Time 829 837 842 847 352 857 902 907 911	Pump Rate (L/min.) 1 0 0 1 00 1 00 1 00 1 00 1 00 1 00 1	Total Gallons Removed .1588 0.7911 0.4234 0.5557 0.6880 0.8203 0.9526	Water Level (ft TIC) 5. io	HACH Temp. (Celsius) [3%]*	TURIZ pH [0.1 units]* 6. C9 6. 22 (c.34 (c.41 (c.48 (c.52 (c.54 (c.55	Sp. Cond. (mS/cm) [3%]* 0.576 0.575 0.575 0.575 0.576 0.576 0.576	Turbidity (NTU) [10% or 1 NTU]* 19 12	DO (mg/l) [10% or 0.1 mg/l]* 4, 15 1. 74 C. (c) C. (c) C. 4(c) C. 5C C. 58 C. 48	ORP (mV)
Time 829 834 842 847 857 902 907 911	Pump Rate (L/min.) 100 100 100 100 100 100 100 100 100 10	Total Gallons Removed 0.1588 0.2911 0.4234 0.5557 0.6880 0.8203 0.95269 i.0849	Water Level (ft TIC) -5. 61 -5. 61 -5. 61 -5. 61 -5. 61 -5. 61 -5. 61 -5. 61	HACH Temp. (Celsius) [3%]*	7 UR (2 pH [0.1 units]* [0.1 units]* [0.22 (c.34 (c.41 (c.48 (c.54 (c.54 (c.54 (c.55 (c.	Sp. Cond. (mS/cm) [3%]* 0.576 0.575 0.575 0.576 0.576 0.576 0.576	Turbidity (NTU) [10% or 1 NTU]* 19 12	DO (mg/l) [10% or 0.1 mg/l]* 4, 15 1. 74 C. (c) C. (c) C. 4(c) C. 5C C. 4(c)	ORP (mV) [10 mV]; -48.9 -83.7 -75.6 -57.2 -70.6 -64.7 -62.4 -666.6
Time 829 837 842 847 352 857 902 907 911	Pump Rate (L/min.) 100 100 100 100 100 100 100 100 100 10	Total Gallons Removed .1588 0.7911 0.4234 0.5557 0.6880 0.8203 0.9526	Water Level (ft TIC) -5. 61 -5. 61 -5. 61 -5. 61 -5. 61 -5. 61 -5. 61 -5. 61	HACH Temp. (Celsius) [3%]*	7 UR (2 pH [0.1 units]* [0.1 units]* [0.22 (c.34 (c.41 (c.48 (c.54 (c.54 (c.54 (c.55 (c.	Sp. Cond. (mS/cm) [3%]* 0.576 0.575 0.575 0.576 0.576 0.576 0.576	Turbidity (NTU) [10% or 1 NTU]* 19 12	DO (mg/l) [10% or 0.1 mg/l]* 4, 15 1. 74 C. (c) C. (c) C. 4(c) C. 5C C. 58 C. 48	ORP (mV) [10 mV]; -48.9 -83.7 -75.6 -57.2 -70.6 -64.7 -62.4 -666.6
Time 829 834 842 847 857 902 907 911	Pump Rate (L/min.) 100 100 100 100 100 100 100 100 100 10	Total Gallons Removed 0.1588 0.2911 0.4234 0.5557 0.6880 0.8203 0.95269 i.0849	Water Level (ft TIC) -5. 61 -5. 61 -5. 61 -5. 61 -5. 61 -5. 61 -5. 61 -5. 61	HACH Temp. (Celsius) [3%]* 14.94 14.08 14.08 14.83 14.82 14.88 14.72 cutive readings	7 UP (2 pH [0.1 units]* 6 . (7 6 . 22 (2.34 6 . 41 6 . 48 6 . 52 6 . 54 6 . 55	Sp. Cond. (mS/cm) [3%]* 0.574 0.575 0.575 0.575 0.576 0.576 0.576 0.576	Turbidity (NTU) [10% or 1 NTU]* 19 12 8 7 7 7 4 Co	DO (mg/l) [10% or 0.1 mg/l]* 4, 15 1. 74 C. (c) C. 4(c) C. 5(c) C. 4(c)	ORP (mV) [10 mV]: -48.9 -83.7 -75.6 -57.2 -70.6 -64.7 -62.4 -666.6
Time \$29 \$37 \$42 \$47 \$57 902 907 911 • The stabilizati OBSERVATION	Pump Rate (L/min.) 100 100 100 100 100 100 100 100 100 10	Total Gallons Removed 0.1588 0.2911 0.4234 0.5557 0.6880 0.8203 0.95269 i.0849	Water Level (ft TIC) -5. 61 -5. 61 -5. 61 -5. 61 -5. 61 -5. 61 -5. 61 -5. 61	HACH Temp. (Celsius) [3%]* 14.94 14.08 14.08 14.83 14.82 14.88 14.72 cutive readings	7 UP (2 pH [0.1 units]* 6 . (7 6 . 22 (2.34 6 . 41 6 . 48 6 . 52 6 . 54 6 . 55	Sp. Cond. (mS/cm) [3%]* 0.574 0.575 0.575 0.575 0.576 0.576 0.576 0.576	Turbidity (NTU) [10% or 1 NTU]* 19 12 8 7 7 7 4 Co	DO (mg/l) [10% or 0.1 mg/l]* 4, 15 1. 74 C. (c) C. (c) C. 4(c) C. 5C C. 4(c)	ORP (mV) [10 mV]: -48.9 -83.7 -75.6 -57.2 -70.6 -64.7 -62.4 -666.6
Time \$29 \$37 \$42 \$47 \$52 \$57 902 907 911	Pump Rate (L/min.) 100 100 100 100 100 100 100 100 100 10	Total Gallons Removed 0.1588 0.7911 0.4234 0.5557 0.6880 0.8203 0.95210 i.0849 ach field paramet	Water Level (ft TIC) -5. [c] -	HACH Temp. (Celsius) [3%]* 14.94 14.08 14.08 14.83 14.82 14.88 14.72 cutive readings	7 UP (2 pH [0.1 units]* 6 . (7 6 . 22 (2.34 6 . 41 6 . 48 6 . 52 6 . 54 6 . 55	Sp. Cond. (mS/cm) [3%]* 0.574 0.575 0.575 0.575 0.576 0.576 0.576 0.576	Turbidity (NTU) [10% or 1 NTU]* 19 12 8 7 7 7 4 Co	DO (mg/l) [10% or 0.1 mg/l]* 4, 15 1. 74 C. (c) C. 4(c) C. 5(c) C. 4(c)	ORP (mV) [10 mV]: -48.9 -83.7 -75.6 -57.2 -70.6 -64.7 -62.4 -666.6
Time \$29 \$37 \$42 \$47 \$52 \$57 902 907 911	Pump Rate (L/min.) 1 00 100 100 100 100 100 100 1	Total Gallons Removed 0.1588 0.7911 0.4234 0.5557 0.6880 0.8203 0.95210 i.0849 ach field paramet	Water Level (ft TIC) -5. [c] -	HACH Temp. (Celsius) [3%]* 14.94 14.08 14.08 14.83 14.82 14.88 14.72 cutive readings	7 UP (2 pH [0.1 units]* 6 . (7 6 . 22 (2.34 6 . 41 6 . 48 6 . 52 6 . 54 6 . 55	Sp. Cond. (mS/cm) [3%]* 0.574 0.575 0.575 0.575 0.576 0.576 0.576 0.576	Turbidity (NTU) [10% or 1 NTU]* 19 12 8 7 7 7 4 Co	DO (mg/l) [10% or 0.1 mg/l]* 4, 15 1. 74 C. (c) C. 4(c) C. 5(c) C. 4(c)	ORP (mV) [10 mV]: -48.9 -83.7 -75.6 -57.2 -70.6 -64.7 -62.4 -666.6
* MU (n SAMPLE DEST	Pump Rate (L/min.) 100 100 100 100 100 100 100 100 100 10	Total Gallons Removed 0.1588 0.2911 0.4234 0.5557 0.6880 0.8203 0.95269 i.0849	Water Level (ft TIC) -5. [c] -	HACH Temp. (Celsius) [3%]* 14.94 14.08 14.08 14.83 14.82 14.88 14.72 cutive readings	7 UP (2 pH [0.1 units]* 6 . (7 6 . 22 (2.34 6 . 41 6 . 48 6 . 52 6 . 54 6 . 55	Sp. Cond. (mS/cm) [3%]* 0.574 0.575 0.575 0.575 0.576 0.576 0.576 0.576	Turbidity (NTU) [10% or 1 NTU]* 19 12 8 7 7 7 4 Co	DO (mg/l) [10% or 0.1 mg/l]* 4, 15 1. 74 C. (c) C. 4(c) C. 5(c) C. 4(c)	ORP (mV) [10 mV]: -48.9 -83.7 -75.6 -57.2 -70.6 -64.7 -62.4 -666.6
Time \$29 \$37 \$42 \$47 \$52 \$57 902 907 911	Pump Rate (L/min.) 100 100 100 100 100 100 100 100 100 10	Total Gallons Removed 0.1588 0.7911 0.4234 0.5557 0.6880 0.8203 0.95210 i.0849 ach field paramet	Water Level (ft TIC) -5. [c] -	HACH Temp. (Celsius) [3%]* 14.94 14.08 14.08 14.83 14.82 14.88 14.72 cutive readings	10.1 units)* (0.1 units)* (0.22 (0.34 (0.41) (0.48 (0.52 (0.54) (0.55 (0.54)	Sp. Cond. (mS/cm) [3%]* 0.574 0.575 0.575 0.575 0.576 0.576 0.576 0.576	Turbidity (NTU) [10% or 1 NTU]* 19 12 8 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	DO (mg/l) [10% or 0.1 mg/l]* 4, 15 1. 74 C. (c) C. 4(c) C. 5 C. 5 C. 4(c) C. 5	ORP (mV) [10 mV]: -48.9 -83.7 -75.6 -57.2 -70.6 -64.7 -62.4 -666.6
* MU (n SAMPLE DEST	Pump Rate (L/min.) 100 100 100 100 100 100 100 100 100 10	Total Gallons Removed 0.1588 0.7911 0.4234 0.5557 0.6880 0.8203 0.95210 i.0849 ach field paramet	Water Level (ft TIC) -5. [c] -	HACH Temp. (Celsius) [3%]* 14.94 14.08 14.08 14.83 14.82 14.88 14.92 cutive readings	7 UR (? pH [0.1 units]* 6. (9 6. 27 6. 34 6. 41 6. 48 6. 52 6. 54 6. 55 collected at 3-t	Sp. Cond. (mS/cm) [3%]* 0.574 0.575 0.575 0.575 0.576 0.576 0.576 0.576 0.576	Turbidity (NTU) [10% or 1 NTU]* 19 12 8 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	DO (mg/l) [10% or 0.1 mg/l]* 4, 15 1. 74 C. (c) C. 4(c) C. 5(c) C. 5(c) C. 4(c) C. 5(c) C.	ORP (mV) [10 mV]: -48.9 -83.7 -75.6 -57.2 -70.6 -64.7 -62.4 -666.6
Time \$29 \$37 \$42 \$47 \$52 \$57 902 907 911	Pump Rate (L/min.) 100 100 100 100 100 100 100 100 100 10	Total Gallons Removed 0.1588 0.7911 0.4234 0.5557 0.6880 0.8203 0.95210 i.0849 ach field paramet	Water Level (ft TIC) -5. [c] -	HACH Temp. (Celsius) [3%]* 14.94 14.08 14.08 14.83 14.82 14.88 14.92 cutive readings	7 UR (? pH [0.1 units]* 6. (9 6. 27 6. 34 6. 41 6. 48 6. 52 6. 54 6. 55 collected at 3-t	Sp. Cond. (mS/cm) [3%]* 0.574 0.575 0.575 0.575 0.576 0.576 0.576 0.576	Turbidity (NTU) [10% or 1 NTU]* 19 12 8 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	DO (mg/l) [10% or 0.1 mg/l]* 4, 15 1. 74 C. (c) C. 4(c) C. 5(c) C. 4(c)	ORP (mV) [10 mV]: -48.9 -83.7 -75.6 -57.2 -70.6 -64.7 -62.4 -666.6 SLIGHT
Time 829 837 842 857 957 902 907 911 • The stabilizati OBSERVATION CDOCK **MACING COOK SAMPLE DEST Laboratory: Delivered Via:	Pump Rate (L/min.) 100 100 100 100 100 100 100 100 100 10	Total Gallons Removed 0.1588 0.7911 0.4234 0.5557 0.6880 0.8203 0.95210 i.0849 ach field paramet	Water Level (ft TIC) -5. [c] -	HACH Temp. (Celsius) [3%]* 14.94 14.08 14.08 14.83 14.82 14.88 14.92 cutive readings	7 UR (? pH [0.1 units]* 6. (9 6. 27 6. 34 6. 41 6. 48 6. 52 6. 54 6. 55 collected at 3-t	Sp. Cond. (mS/cm) [3%]* 0.574 0.575 0.575 0.575 0.576 0.576 0.576 0.576 0.576	Turbidity (NTU) [10% or 1 NTU]* 19 12 8 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	DO (mg/l) [10% or 0.1 mg/l]* 4, 15 1. 74 C. (c) C. 4(c) C. 5(c) C. 5(c) C. 4(c) C. 5(c) C.	ORP (mV) [10 mV]: -48.9 -83.7 -75.6 -57.2 -70.6 -64.7 -62.4 -666.6 SLIGHT

Well No					e/GMA Name	<u>G-Y</u>	MAZ			
•	-			Sampli	ing Personnel	<u> </u>	1 AMG	, 		
	kground (ppm)		 -		Date	<u> </u>	-79 <u>-09</u>			
Well Hea	adspace (ppm)				Weather	<u> </u>		4		
WELL MEAN							0	•		
WELL INFORM		6, "					Sample Time			
	e Point Marked?	Yzü	Man - F					-		
Height of I	Reference Point	-2", -	Meas. From		-					
	Well Diameter	10.15					MS/MSD			
	n Interval Depth	1.0	Meas, From				Split Sample ID			
Wa	iter Table Depth	13.04	Meas, From		-	Desidend	A			
t	Well Depth	12.3	Meas. From		•	Required		Parameters:	Collecte	
ū	f Water Column	<u> </u>				('★')		(Std. list)	()	
	of Water in Well	3-01-				()		(Exp. list)	()	
intake Depth	of Pump/Tubing	- A	← Meas. From		-	(X)		/OCs	()	
		14.80				(X)		s (Total)	()	
Reference Poir							•	Dissolved)	()	
	ner (PVC) Casing					(X)		ganics (Total)	()	
-	outer (Protective)	Casing				(X)	-	nics (Dissolved)	()	
Grade/BGS: G	Fround Surface					· ()		s/PCDFs	()	
						(X)		s/Herbicides	()	
Redevelop?	Y N					()		Attenuation	()	
						(X)	Other	(Specify)	()	
	INFORMATION	116115								
	ump Start Time									
	ump Stop Time	12:02			Evacuation Met			Pump 🔀		
Minu	ites of Pumping				Peristaltic Pum	p() Si	ubmersible Pump	() Other/Spe	cify ()	
Volume of V	Vater Removed _.				Pump Type:			<u> </u>		
Di	id Well Go Dry? /	(Y) N								
	14 TTG:: QO Diy: {	'ソ"			Samples collec	ted by same me	ethod as evacuatio	n? Υ N (specif	y)	
	. (Samples collec	ted by same mo	ethod as evacuatio	n? Y N (specif	y)	
	Water Quality Me		rial Numbers:		Samples collec	ted by same mo	ethod as evacuatio	n? Υ N (specif	y) 	
	Water Quality Me	eter Type(s) / Se					···			
	Water Quality Me	eter Type(s) / Se	Water	Temp.	pH	Sp. Cond.	Turbidity	DO	ORP	
	Water Quality Me	Total Gallons	Water Level	(Celsius)	рН	Sp. Cond. (mS/cm)	Turbidity (NTU)	DO (mg/l)	ORP (mV)	
Time	Water Quality Me	eter Type(s) / Se	Water			Sp. Cond.	Turbidity (NTU) [10% or 1 NTU]*	DO	ORP	
Time	Water Quality Me	Total Gallons	Water Level	(Celsius)	рН	Sp. Cond. (mS/cm)	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l)	ORP (mV)	*
Time	Water Quality Me	Total Gallons	Water Level	(Celsius)	рН	Sp. Cond. (mS/cm)	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l)	ORP (mV)	*
Time	Water Quality Me	Total Gallons	Water Level	(Celsius)	рН	Sp. Cond. (mS/cm)	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l)	ORP (mV)	*
Time	Water Quality Me	Total Gallons	Water Level	(Celsius)	рН	Sp. Cond. (mS/cm)	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l)	ORP (mV)	*
Time	Water Quality Me	Total Gallons	Water Level	(Celsius)	рН	Sp. Cond. (mS/cm)	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l)	ORP (mV)	*
Time	Water Quality Me	Total Gallons	Water Level	(Celsius)	рН	Sp. Cond. (mS/cm)	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l)	ORP (mV)	*
Time	Water Quality Me	Total Gallons	Water Level	(Celsius)	рН	Sp. Cond. (mS/cm)	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l)	ORP (mV)	*
Time	Water Quality Me	Total Gallons	Water Level	(Celsius)	рН	Sp. Cond. (mS/cm)	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l)	ORP (mV)	i*
Time	Water Quality Me	Total Gallons	Water Level	(Celsius)	рН	Sp. Cond. (mS/cm)	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l)	ORP (mV)	*
Time	Water Quality Me	Total Gallons	Water Level	(Celsius)	рН	Sp. Cond. (mS/cm)	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l)	ORP (mV)	*
Time	Water Quality Me	Total Gallons	Water Level	(Celsius)	рН	Sp. Cond. (mS/cm)	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l)	ORP (mV)	*
Time	Water Quality Me	Total Gallons	Water Level	(Celsius)	рН	Sp. Cond. (mS/cm)	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l)	ORP (mV)	*
Time 14.50 15.10	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	(Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]* (C)	DO (mg/l)	ORP (mV)	*
Time 14,50 15:10	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	(Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]* (C)	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV)	*
Time 14,50 15:10	Pump Rate (L/min.) O.100	Total Gallons Removed	Water Level (ft TIC)	(Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]* (C)	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV)	*
Time 14,50 15:10	Pump Rate (L/min.) O.100	Total Gallons Removed	Water Level (ft TIC)	(Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]* (C)	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV)	*
Time 14,50 15:10	Pump Rate (L/min.) O.100	Total Gallons Removed	Water Level (ft TIC)	(Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]* (C)	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV)	*
Time 14,50 15:10	Pump Rate (L/min.) O.100	Total Gallons Removed	Water Level (ft TIC)	(Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]* (C)	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV)	*
Time 14,50 15:10 * The stabilizations observation	Pump Rate (L/min.) O.100	Total Gallons Removed	Water Level (ft TIC)	(Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]* (C)	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV)	
Time 14,50 15:10 * The stabilizate OBSERVATIO	Pump Rate (L/min.) O.100	Total Gallons Removed ch field paramet	Water Level (ft TIC) er (three conse	(Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]* (C)	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV)	
Time 14,50 15:10 * The stabilizations observations observations observations of the control o	Pump Rate (L/min.) ().100	Total Gallons Removed ch field paramet	Water Level (ft TIC) ter (three conse	(Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]* (C)	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV)	
Time 14,50 15:10 * The stabilizate OBSERVATIO SAMPLE DES Laboratory:	Pump Rate (L/min.) ().100	Total Gallons Removed ch field paramet	Water Level (ft TIC) er (three conse	(Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]* (AC) (AC) (AC) (AC) (AC) (AC) (AC) (AC)	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV)	

_	round (ppm) _				GMA Name _ g Personnel _ Date _ Weather _	GMA AMG / 10/20/C Cloudy	3 Sek 94 50'f		
Height of Ri	TION Point Marked? Eference Point _ Well Diameter _ Interval Depth _	2" 10 - 16	Meas From	_ •			Sample Time	B	
'Wate Length of	r Table Depth _ Well Depth _ Water Column _ Water in Well _	12.95 16.50 3.55	Meas From Meas From	TIC		Required	<u>Analytical P</u> VOCs (I VOCs (I	Parameters Std. list)	Callected
Intake Depth of Peterance Point FIG - Fop of Inne FOG - Top of Cu	Identification or (PVC) Casing		weds 1.5m			××××× <i>×</i>	PCBs (D PCBs (D Metals/Inorg Metals/Inorgan	(Total) anics (Total) ics (Dissolved)	
GraderBCS - Ge Reduvelap7 EVACUATION !	· (1)	.				×××	Pestigates Natural A Other (rPCDFs rHerbicides itenuation Specify) ULDE (Filter	ed + onfi
Pg Matet Volume of W Oic	mp Start Time mp Stop Time es of Pumping ater Removed Well Ga Dry?	15:47 15:55 - 8	oral Numbure			MARSH) Other/See	
Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Tomp. (Colaius) (3%)*	pH (0 1 units)*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) (10% or 1 NTU)*	DO (mg/l) [10% or 0 1 mg/l]*	ORP (mV) [10 mV]*
* The stabilizat	on criteria for ea	ach field parame	eter (three cons	ecutive readings	collected at 3-	to 5-minute inte	rvals) is listed in ea	ch column heading.	
OESERVATIO	NS/SAMPLING	METHOD DEVI	ATIONS					3	
Delivered Via	TINATION				Field Samplin	ig Coordinator:			

Well No		6_{-}		_ s	ite/GMA Name	• (311173	•	
Key No				_	iling Personne		- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
PID Bac	ckground (ppm)				Date		10 F (V)	Ylc-	
Weil He	eadspace (ppm)			=	Weather	<u> </u>	0-22-0	100	
			· · · · · · · · · · · · · · · · · · ·	=			aurig .	10	-
WELL INFOR							Sample Time	47:16	
	e Point Marked?						Sample ID	1	
Height of	Reference Point		Meas From						
	Well Diameter			·			Ouplicate ID		
Scree	en Interval Depth		— Meas From				MS/MSD		
	ater Table Depth				_		Split Sample 10		
	Well Depth	14.2	Meas From		_	.,			
Length	of Water Jalumn		_		_	Produired	<u>Analytical</u>	Parameters	Dallected
	of Water in Weit		_			\mathcal{X}	⊻0Cs	(Stallist)	1
ataka Deeth	ginide Tignize to						70Cs	(Exp. list)	
The state of the s	or - singresom;		- Meas From		_	\succ	S ¹	/OCs	
2.1						70	PCBs	(Total)	
	nt litentification					X		Dissolved)	
	ner (89C) Casing					(,		ganies (Total)	
TOC Top of t	Cutter (Protective)	, asing				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			
Grade/BGS 🗉	Smund Surface					,X		nics (Dissolved)	
								siPCDFs	*
Redevelop?	Y N					\mathcal{K}		vHerbicides	1
							Maturat -	Attengation	1
EVACUATRON	INFORMATION	_					Other	(Specify)	
	nump start time	817							
	ump Stop Tune	219						•	
	•	211			it variation Mi	efficial estimates a	dladge (Jumo Jo	
	des of Pumping				Pensing Car	ep ca,	omerabin Pump. () Other/Sp	ec.tv
	Valer Removed id Well Go Diy 2. j	<u> </u>			Pamo Type				
	Water Dualdy Me	<u> </u>	and the Management	uet si	7 - 6 - 8	cled by same me	mod in evicuation	1 ⁹ Y N (specil	(y)
	Water ()qaiity Me	oter Type(s) / S	enal Numbers	Y CCV	CC NIC	5 #3		12 Y N (speci	(y)
	Water ()qasty Me	Total	erial Numbers	Tump.	0(0 1416)	5#3	48/		
Time			-	Tump. (Calaria)	200 M	Sp Cond	Turbidity	DO	ORP
Time	Pump	Total	Water	-	200 M	Sp Cond (mS/cm)	Turbidity (NTU)	DØ (mg/I)	ORP (mV)
	Pump Rate	Total Gallons	Water Luvel	(Culanua)	pH (0.1 units)	\$p Cond (mS/cm) (125)	Turbidity (NTU) (10% or * NTU)*	DO (mg/l) {10% or 0 1 mg/l]	ORP (mV) [10 mV]*
Time	Pump Rate	Total Gallons	Water Luvel	(Catama)) (N)	Sp Cond (mS/cm)	Turbidity (NTU)	DØ (mg/I)	ORP (mV)
Time	Pump Rate	Total Gallons	Water Luvel	(Culanua)	pH (0.1 units)	\$p Cond (mS/cm) (125)	Turbidity (NTU) (10% or * NTU)*	DO (mg/l) {10% or 0 1 mg/l]	ORP (mV) [10 mV]*
Time	Pump Rate	Total Gallons	Water Luvel	(Culanua)	pH (0.1 units)	\$p Cond (mS/cm) (125)	Turbidity (NTU) (10% or * NTU)*	DO (mg/l) {10% or 0 1 mg/l]	ORP (mV) [10 mV]*
Time	Pump Rate	Total Gallons	Water Luvel	(Culanua)	pH (0.1 units)	\$p Cond (mS/cm) (125)	Turbidity (NTU) (10% or * NTU)*	DO (mg/l) {10% or 0 1 mg/l]	ORP (mV) [10 mV]*
Time	Pump Rate	Total Gallons	Water Luvel	(Culanua)	pH (0.1 units)	\$p Cond (mS/cm) (125)	Turbidity (NTU) (10% or * NTU)*	DO (mg/l) {10% or 0 1 mg/l]	ORP (mV) [10 mV]*
Time	Pump Rate	Total Gallons	Water Luvel	(Culanua)	pH (0.1 units)	\$p Cond (mS/cm) (125)	Turbidity (NTU) (10% or * NTU)*	DO (mg/l) {10% or 0 1 mg/l]	ORP (mV) [10 mV]*
Time	Pump Rate	Total Gallons	Water Luvel	(Culanua)	pH (0.1 units)	\$p Cond (mS/cm) (125)	Turbidity (NTU) (10% or * NTU)*	DO (mg/l) {10% or 0 1 mg/l]	ORP (mV) [10 mV]*
Time	Pump Rate	Total Gallons	Water Luvel	(Culanua)	(0.4)	\$p Cond (mS/cm) (125)	Turbidity (NTU) (10% or * NTU)*	DO (mg/l) {10% or 0 1 mg/l]	ORP (mV) [10 mV]*
Time	Pump Rate	Total Gallons	Water Luvel	(Culanua)	(0.4)	Sp Cond (mS/cm) (1954)	Turbidity (NTU) (10% or * NTU)*	DO (mg/l) {10% or 0 1 mg/l]	ORP (mV) [10 mV]*
Time	Pump Rate	Total Gallons	Water Luvel	(Culanua)	(0.4)	Sp Gond (mS/cm) (1984)	Turbidity (NTU) (10% or * NTU)*	DO (mg/l) {10% or 0 1 mg/l]	ORP (mV) [10 mV]*
Tirne	Pump Rate	Total Gallons	Water Luvel	(Culanua)	(0.4)	Sp Gond (mS/cm) (1984)	Turbidity (NTU) (10% or * NTU)*	DO (mg/l) {10% or 0 1 mg/l]	ORP (mV) [10 mV]*
Time	Pump Rate	Total Gallons	Water Luvel	(Culanua)	(0.4)	Sp Gond (mS/cm) (1984)	Turbidity (NTU) (10% or * NTU)*	DO (mg/l) {10% or 0 1 mg/l]	ORP (mV) [10 mV]*
Time S:17	Pump Rate (L/min)	Total Gullons Removed	Water Luvel (ff TIC)	(Calarus)	(C. W.)	Sp Gond (mS/cm) (1984)	Turbidity (NTU) (10% or · NTUI	DO (mg/l) (10% or 0.1 mg/l)*	ORP (mV) [10 mV]*
Time Simulation The stabilization	Pump Rate (L/min)	Total Gullons Removed	Water Lavel (ff TIC)	(Calarus)	(C. W.)	Sp Gond (mS/cm) (1984)	Turbidity (NTU) (10% or · NTUI	DO (mg/l) {10% or 0 1 mg/l]	ORP (mV) [10 mV]*
Time Simulation The stabilization	Pump Rate (L/min)	Total Gullons Removed	Water Lavel (ff TIC)	(Calarus)	(C. W.)	Sp Gond (mS/cm) (1984)	Turbidity (NTU) (10% or · NTUI	DO (mg/l) (10% or 0.1 mg/l)*	ORP (mV) [10 mV]*
Time Simulation The stabilization	Pump Rate (L/min)	Total Gullons Removed	Wuter Luvel (ft TIC) ter (three consec	(Calarus)	(C. W.)	Sp Gond (mS/cm) (1984)	Turbidity (NTU) (10% or · NTUI	DO (mg/l) (10% or 0.1 mg/l)*	ORP (mV) [10 mV]*
Time Simulation The stabilization	Pump Rate (L/min)	Total Gullons Removed	Water Lavel (ff TIC)	(Calarus)	(C. W.)	Sp Gond (mS/cm) (1984)	Turbidity (NTU) (10% or · NTUI	DO (mg/l) (10% or 0.1 mg/l)*	ORP (mV) [10 mV]*
Time Simulation The stabilization	Pump Rate (L/min)	Total Gullons Removed	Wuter Luvel (ft TIC) ter (three consec	(Calarus)	(C. W.)	Sp Gond (mS/cm) (1984)	Turbidity (NTU) (10% or · NTUI	DO (mg/l) (10% or 0.1 mg/l)*	ORP (mV) [10 mV]*
Time \$ 17	Pump Rate (Limin) on criteria for each	Total Gullons Removed	Wuter Luvel (ft TIC) ter (three consec	(Calarus)	(C. W.)	Sp Gond (mS/cm) (1984)	Turbidity (NTU) (10% or · NTUI	DO (mg/l) (10% or 0.1 mg/l)*	ORP (mV) [10 mV]*
Time S. 17 The stabilization DBSERVATION CAMPLE DEST	Pump Rate (Limin) on criteria for each	Total Gullons Removed The field parameter of the paramet	Wuter Luvel (ft TIC) ter (three consec	(Calarus)	(C. [V])	Sp Gond (mS/cm) (1984)	Turbidity (NTU) (10% or · NTUI	DO (mg/l) (10% or 0.1 mg/l)*	ORP (mV) [10 mV]*
Time S. 17 The stabilization DBSERVATION CAMPLE DEST Laboratory:	Pump Rate (Limin) on criteria for each	Total Gullons Removed The field parameter of the paramet	Water Luvel (ft TIC) ter (three consec	(Calarus)	(C. [V])	Sp Gond (mS/cm) (1984)	Turbidity (NTU) (10% or · NTUI	DO (mg/l) (10% or 0.1 mg/l)*	ORP (mV) [10 mV]*
Time The stabilization DBSERVATION AMPLE DEST Laboratory: Delivered Via:	Pump Rate (Limin) on criteria for each	Total Gullons Removed The field parameter of the paramet	Wuter Luvel (If TIC) ter (three consec	(Calarus)	(C. [V])	Sp Gond (mS/cm) (1984)	Turbidity (NTU) (10% or · NTUI	DO (mg/l) (10% or 0.1 mg/l)*	ORP (mV) [10 mV]*
Time The stabilization DBSERVATION AMPLE DEST Laboratory: Delivered Via:	Pump Rate (Limin) on criteria for each	Total Gullons Removed The field parameter of the paramet	Wuter Luvel (If TIC) ter (three consec	(Calarda) (Calar	git (0.4)	Sp Gond (mS/cm) (1984)	Turbidity (NTU) (10% or · NTU) Als) is listed in eac	DO (mg/l) (10% or 0.1 mg/l)*	ORP (mV) [10 mV]*

Weil	No.	114	B-12		Site	/GMA Name	GMA3	1		
Key		FX-	37		Samplin	g Personnel	SEK/A	MG		
		und (ppm)		-		Date	10 14/0)H		
	_	ace (ppm)		-		Weather	Party (Monda 5	ე' F	
						-		J		<u> </u>
WELL INF	OPMATI	ON					•	Sample Time	C945	
			\bigcirc N					Sample ID	114 B-R	
		nt Marked?	330	Meas. From	(~5			Duplicate ID		
Heigh		rence Point_	211	Meas. Flom				MS/MSD		
_		Il Diameter_	4-14		2-t-C			Split Sample ID		
S		erval Depth_		Meas. From	1-1-7			Spir Sample ID		
		able Depth_		Meas. From	1		Required	Analytical I	Parameters:	Collected
		Well Depth_	15 41	Meas, From	14-					
		iter Column _	9.49,	.1			(X)		Std. list)	(X)
Voiu	ıme of W	ater in Well_		Houz	Time		()		Exp. list)	()
Intake De	epth of Pu	ump/Tubing _	10.7'J	Meas. From	110		(\mathbf{X})		OCs .	(火)
							(X)		(Totai)	(<u>~</u>)
<u>Reference</u>	Point Ide	entification:					(X)	PCBs (E)issolved)	(文)
TIC: Top	of Inner (I	PVC) Casing					(x)	Metals/Inorg	janics (Total)	(\mathbf{X})
TOC: Top	of Outer	(Protective)	Casing				(父)	Metals/Inorgan	nics (Dissolved)	(父)
Grade/BG							(X)	PCDD:	s/PCDFs	(★)
		_					(文)	Pesticides	/Herbicides	(×)
Redevelo	в? Y	(N)					()	Natural A	Attenuation	()
110007710							(文)	Other (Specify)	(x -)
EVACUAT	TION INE	ORMATION						eya	mde (total a	ad dissolved
EVACUA	-	Start Time	0818					Sul	hde	
		-	1212			Evacuation Met	hod: Bailer (ump 🔀	
		Stop Time	295			Peristaltic Pum	,	bmersible Pump (1	ecify ()
		of Pumping		nallage		*		alk Syst		, (,
Volume		r Removed		gallons		Pump Type:		thod as evacuation	$\overline{}$	
	Did W	ell Go Dry?	Y W	•		Samples collec	ted by same me	tillog as evacuation	ii (specii	'7 '
					HAZIL 10	#6 - 0	S			
	181-4	han Owellby 64e								
	vvai	ter Quanty wit	eter Type(s) / Se	enai Nunibers.			DIMETER			_
	vvai	ier Quality ivid			YSI 550	o mps.	OBMOL	30 AC		OPP
	vvai	Pump	Total	Water	√51 550 Temp.		Sp. Cond.	30 AC Turbidity	DO	ORP
Time				Water Level	YS1 550 Temp. (Celsius)	pH pH	Sp. Cond. (mS/cm)	30 AC Turbidity (NTU)	(mg/l)	(mV)
		Pump	Total	Water	√51 550 Temp.	o mps.	03M02 Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*		(mV) [10 m∨]*
Time		Pump Rate (L/min.)	Total Gallons Removed O.08	Water Level (ft TIC)	YS1 550 Temp. (Celsius)	pH pH	Sp. Cond. (mS/cm)	30 AC Turbidity (NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]* —	(mV) [10 mV]*
	, 0	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	VSI 550 Temp. (Cetsius) [3%]*	pH pH	03M02 Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	(mg/l)	(mV) [10 m∨]*
0871	, 0	Pump Rate (L/min.)	Total Gallons Removed O.08	Water Level (ft TIC) 6.00 5.48 5.45	YSI 550 Temp. (Celsius) [3%]*	pH [0.1 units]*	03M01 Sp. Cond. (mS/cm) [3%]*	30 AC Turbidity (NTU) [10% or 1 NTU]* [15] [15]	(mg/l) [10% or 0.1 mg/l]* —	(mV) [10 mV]*
0821 0831 0841	0 0	Pump Rate (L/min.)	Total Gallons Removed O. 08 0. 34	Water Level (ft TIC) 6.00 5.98	VS1 550 Temp. (Cetsius) [3%]*	pH [0.1 units]*	03M01 Sp. Cond. (mS/cm) [3%]*	30 AC Turbidity (NTU) [10% or 1 NTU]* [15] [17]	(mg/l) [10% or 0.1 mg/l]* —	(mV) [10 mV]*
0821 0831 0841 085	0 0	Pump Rate (L/min.) 0.100 0.100 0.100	Total Gallons Removed O. 08 0. 34 0. 60	Water Level (ft TIC) 6.00 5.98 5.95	VSI 550 Temp. (Cetsius) [3%]*	pH [0.1 units]*	03M02 sp. Cond. (mS/cm) [3%]*	30 AC Turbidity (NTU) [10% or 1 NTU]* 115 143 112 64 36	(mg/l) [10% or 0.1 mg/l]* —	(mV) [10 mV]*
0821 0831 0841 085 086		Pump Rate (L/min.)100100100100	Total Gallons Removed O. 08 0. 34 0. 60 0. 86 0. 94	Water Level (ft TIC) 6.00 5.98 5.45 5.95	VSI 550 Temp. (Cetsius) [3%]*	pH [0.1 units]*	03M01 sp. Cond. (ms/cm) [3%]*	30 AC Turbidity (NTU) [10% or 1 NTU]* [15] [17]	(mg/l) [10% or 0.1 mg/l]* — —	(mV) [10 mV]*
0821 0831 0841 085 086		Pump Rate (L/min.) 0.100 0.100 0.100 0.100	Total Gallons Removed O. 08 0. 34 0. 60 0.86 0.96	Water Level (ft TIC) 6.00 5.98 5.95	VSI 550 Temp. (Cetsius) [3%]*	pH [0.1 units]*	03M02 sp. Cond. (mS/cm) [3%]*	30 AC Turbidity (NTU) [10% or 1 NTU]* 115 143 112 64 36	(mg/l) [10% or 0.1 mg/l]* —	(mV) [10 mV]*
0821 0831 0841 085 0860 0900		Pump Rate (L/min.) 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed O. 08 0. 34 0. 60 0. 86 0. 94	Water Level (ft TIC) 6.00 5.98 5.95 5.95 5.95 5.95	VSI 550 Temp. (Cetsius) [3%]*	pH [0.1 units]*	03M01 sp. Cond. (ms/cm) [3%]* - - - 0.730	30 AC Turbidity (NTU) [10% or 1 NTU]* 115 143 112 64 36	(mg/l) [10% or 0.1 mg/l]* — — — — — —	(mV) [10 mV]*
0821 0831 0841 085 0860 090 0910		Pump Rate (L/min.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed O. 08 D. 34 O. 60 O. 86 D. 94 I. 23 I. 36 I. 49	Water Level (ft TIC) 6.00 5.98 5.95 5.95 5.96 5.96 5.96	YSI 550 Temp. (Cetsius) [3%]* 13.11 13.18 13.33	pH [0.1 units]*	03M01 sp. cond. (ms/cm) [3%]* - - - 0.730 0.733	30 AC Turbidity (NTU) [10% or 1 NTU]* 115 1 13 112 61 316 12	(mg/l) [10% or 0.1 mg/l]* ————————————————————————————————————	(mV) [10 mV]*
0821 0831 0841 085 0860 090 0910		Pump Rate (L/min.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed O. 08 0. 34 0. 60 0. 86 0. 94 1.23 1.36 1.49	Water Level (ft TIC) 6.00 5.98 5.95 5.95 5.95 5.96 5.96 5.96	VSI 550 Temp. (Cetsius) [3%]* 13.11 13.18 13.23 13.39	pH [0.1 units]* [0.1 units]*	03M01 sp. cond. (ms/cm) [3%]* 	30 AC Turbidity (NTU) [10% or 1 NTU]* 115 143 112 64 316 12 15 17 15	(mg/l) [10% or 0.1 mg/l]* - - - - - - - - - - - - - - - - - - -	(mV) [10 mV]*
0821 0831 0841 085 0860 090 0910 0915		Pump Rate (L/min.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed O. 08 D. 37 O. 60 O. 86 D. 99 I. 23 I. 36 I. 49 I. 62 I. 75	Water Level (ft TIC) 6, 00 5, 98 5, 95 5, 95 5, 95 5, 96 5, 96 5, 96 5, 96 5, 96	VSI 550 Temp. (Cetsius) [3%]* 13.11 13.18 13.23 13.39 13.40	pH [0.1 units]*	03M01 sp. cond. (ms/cm) [3%]* 	30 AC Turbidity (NTU) [10% or 1 NTU]* 15 143 112 64 316 13 17 15	(mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]*
0821 0831 0841 085 0866 090 0916 0916 0916		Pump Rate (L/min.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed O. 08 C. 34 O. 60 O. 86 D. 99 I. 23 I. 36 I. 49 I. 62 I. 75 I. 88	Water Level (ft TIC) 6,00 5,98 5,95 5,95 5,95 5,95 5,95 5,95 5,95	VSI 550 Temp. (Cetsius) [3%]* 13.11 13.18 13.23 13.39 13.40 13.43	5.42 5.52 5.55 5.66	03M01 sp. cond. (mS/cm) [3%]* 	30 AC Turbidity (NTU) [10% or 1 NTU]* 115 143 112 64 316 12 15 17 15	(mg/l) [10% or 0.1 mg/l]* 0.3 i 0.3 g 0.3 [(mV) [10 mV]*
0821 0831 0841 085 0860 090 0910 0910 0915		Pump Rate (L/min.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed O. 08 D. 37 O. 60 O. 86 D. 99 I. 23 I. 36 I. 49 I. 62 I. 75 I. 88 Z. 01	Water Level (ft TIC) 6.00 5.98 5.95 5.95 5.95 5.95 5.95 5.95 5.95	YSI 550 Temp. (Cetsius) [3%]* 13.11 13.18 13.39 13.40 13.43	PH [0.1 units]* [0.1 units]* 5. 42 5. 46 5. 52 5. 56 5. 56 5. 59	03M01 sp. cond. (ms/cm) [3%]* - - 0.730 0.733 0.736 0.737 0.737	30 AC Turbidity (NTU) [10% or 1 NTU]* 115 1 13 112 61 3 22 17 15 9	(mg/l) [10% or 0.1 mg/l]* 0.31 0.24 0.25 0.25 0.29 0.33	(mV) [10 mV]*
0821 0831 0841 085 086 090 0916 0916 0912 092	00 00 10 00 50 00 50 00 00 00 00 00 00 00 00 00	Pump Rate (L/min.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed O. 08 C. 34 O. 60 O. 86 D. 99 I. 23 I. 36 I. 49 I. 62 I. 75 I. 88 Z. 01 ach field parame	Water Level (ft TIC) 6.00 5.48 5.45 5.45 5.45 5.45 5.46 5.46 5.46 5.46	YSI 550 Temp. (Cetsius) [3%]* 13.11 13.18 13.39 13.40 13.43	PH [0.1 units]* [0.1 units]* 5. 42 5. 46 5. 52 5. 56 5. 56 5. 59	03M01 sp. cond. (ms/cm) [3%]* - - 0.730 0.733 0.736 0.737 0.737	30 AC Turbidity (NTU) [10% or 1 NTU]* 115 1 13 112 61 3 22 17 15 9	(mg/l) [10% or 0.1 mg/l]* 0.31 0.24 0.25 0.25 0.29 0.33	(mV) [10 mV]*
0821 0831 0841 085 086 090 0916 0916 0916 092 093	00 00 10 00 50 00 50 00 00 00 00 00 00 00 00 00	Pump Rate (L/min.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed O. 08 D. 37 O. 60 O. 86 D. 99 I. 23 I. 36 I. 49 I. 62 I. 75 I. 88 Z. 01	Water Level (ft TIC) 6.00 5.48 5.45 5.45 5.45 5.45 5.46 5.46 5.46 5.46	YSI 550 Temp. (Cetsius) [3%]* 13.11 13.18 13.39 13.40 13.43	PH [0.1 units]* [0.1 units]* 5. 42 5. 46 5. 52 5. 56 5. 56 5. 59	03M01 sp. cond. (ms/cm) [3%]* - - 0.730 0.733 0.736 0.737 0.737	30 AC Turbidity (NTU) [10% or 1 NTU]* 115 1 13 112 61 3 22 17 15 9	(mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]*
0821 0831 0841 085 086 090 0916 0916 0916 092 093	00 00 10 00 50 00 50 00 00 00 00 00 00 00 00 00	Pump Rate (L/min.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed O. 08 C. 34 O. 60 O. 86 D. 99 I. 23 I. 36 I. 49 I. 62 I. 75 I. 88 Z. 01 ach field parame	Water Level (ft TIC) 6.00 5.48 5.45 5.45 5.45 5.45 5.46 5.46 5.46 5.46	YSI 550 Temp. (Cetsius) [3%]* 13.11 13.18 13.39 13.40 13.43	PH [0.1 units]* [0.1 units]* 5. 42 5. 46 5. 52 5. 56 5. 56 5. 59	03M01 sp. cond. (ms/cm) [3%]* - - 0.730 0.733 0.736 0.737 0.737	30 AC Turbidity (NTU) [10% or 1 NTU]* 115 1 13 112 61 3 22 17 15 9	(mg/l) [10% or 0.1 mg/l]* 0.31 0.24 0.25 0.25 0.29 0.33	(mV) [10 mV]*
0821 0831 0841 085 086 090 0916 0916 0916 092 093	00 00 10 00 50 00 50 00 00 00 00 00 00 00 00 00	Pump Rate (L/min.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed O. 08 C. 34 O. 60 O. 86 D. 99 I. 23 I. 36 I. 49 I. 62 I. 75 I. 88 Z. 01 ach field parame	Water Level (ft TIC) 6.00 5.48 5.45 5.45 5.45 5.45 5.46 5.46 5.46 5.46	YSI 550 Temp. (Cetsius) [3%]* 13.11 13.18 13.39 13.40 13.43	PH [0.1 units]* [0.1 units]* 5. 42 5. 46 5. 52 5. 56 5. 56 5. 59	03M01 sp. cond. (ms/cm) [3%]* - - 0.730 0.733 0.736 0.737 0.737	30 AC Turbidity (NTU) [10% or 1 NTU]* 115 1 13 112 61 3 22 17 15 9	(mg/l) [10% or 0.1 mg/l]* 0.31 0.24 0.25 0.25 0.29 0.33	(mV) [10 mV]*
0821 0831 0841 085 086 090 0916 0916 0916 092 093	00 00 10 00 50 00 50 00 00 00 00 00 00 00 00 00	Pump Rate (L/min.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed O. 08 C. 34 O. 60 O. 86 D. 99 I. 23 I. 36 I. 49 I. 62 I. 75 I. 88 Z. 01 ach field parame	Water Level (ft TIC) 6.00 5.48 5.45 5.45 5.45 5.45 5.46 5.46 5.46 5.46	YSI 550 Temp. (Cetsius) [3%]* 13.11 13.18 13.39 13.40 13.43	PH [0.1 units]* [0.1 units]* 5. 42 5. 46 5. 52 5. 56 5. 56 5. 59	03M01 sp. cond. (ms/cm) [3%]* - - 0.730 0.733 0.736 0.737 0.737	30 AC Turbidity (NTU) [10% or 1 NTU]* 115 1 13 112 61 3 22 17 15 9	(mg/l) [10% or 0.1 mg/l]* 0.31 0.24 0.25 0.25 0.29 0.33	(mV) [10 mV]*
0821 0831 0841 085 086 090 0916 0916 0912 092	00 00 10 00 50 00 50 00 00 00 00 00 00 00 00 00	Pump Rate (L/min.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed O. 08 C. 34 O. 60 O. 86 D. 99 I. 23 I. 36 I. 49 I. 62 I. 75 I. 88 Z. 01 ach field parame	Water Level (ft TIC) 6.00 5.48 5.45 5.45 5.45 5.45 5.46 5.46 5.46 5.46	YSI 550 Temp. (Cetsius) [3%]* 13.11 13.18 13.39 13.40 13.43	PH [0.1 units]* [0.1 units]* 5. 42 5. 46 5. 52 5. 56 5. 56 5. 59	03M01 sp. cond. (ms/cm) [3%]* - - 0.730 0.733 0.736 0.737 0.737	30 AC Turbidity (NTU) [10% or 1 NTU]* 115 1 13 112 61 3 22 17 15 9	(mg/l) [10% or 0.1 mg/l]* 0.31 0.24 0.25 0.25 0.29 0.33	(mV) [10 mV]*
0821 0831 0841 086 090 0916 0916 0915 093 he sta	00 00 10 00 50 00 50 00 00 00 00 00 00 00 00 00	Pump Rate (L/min.) 0.100	Total Gallons Removed O. 08 C. 34 O. 60 O. 86 D. 99 I. 23 I. 36 I. 49 I. 62 I. 75 I. 88 Z. 01 ach field parame	Water Level (ft TIC) 6.00 5.48 5.45 5.45 5.45 5.45 5.46 5.46 5.46 5.46	YSI 550 Temp. (Cetsius) [3%]* 13.11 13.18 13.39 13.40 13.43	PH [0.1 units]* [0.1 units]* 5. 42 5. 46 5. 52 5. 56 5. 56 5. 59	03M01 sp. cond. (ms/cm) [3%]* - - 0.730 0.733 0.736 0.737 0.737	30 AC Turbidity (NTU) [10% or 1 NTU]* 115 1 13 112 61 3 22 17 15 9	(mg/l) [10% or 0.1 mg/l]* 0.31 0.24 0.25 0.25 0.29 0.33	(mV) [10 mV]*
0821 0831 0841 086 090 0916 0916 0915 093 he sta	O C C C C C C C C C C C C C C C C C C C	Pump Rate (L/min.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed O. 08 C. 34 O. 60 O. 86 D. 99 I. 23 I. 36 I. 49 I. 62 I. 75 I. 88 Z. 01 ach field parame	Water Level (ft TIC) 6.00 5.48 5.45 5.45 5.45 5.45 5.46 5.46 5.46 5.46	YST 550 Temp. (Cefsius) [3%]*	pH [0.1 units]* [0.1 units]* 5. 42 5. 46 5. 52 5. 56 5. 56 collected at 3-1	03MOL sp. Cond. (ms/cm) [3%]* 	30 AC Turbidity (NTU) [10% or 1 NTU]* 15 143 112 64 316 13 17 15 9 10 15 9 10 10 10 10 10 10 10 10	(mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]*
0821 0831 0841 086 090 0916 0916 0915 093 he sta	O C C C C C C C C C C C C C C C C C C C	Pump Rate (L/min.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed O. 08 C. 34 O. 60 O. 86 D. 99 I. 23 I. 36 I. 49 I. 62 I. 75 I. 88 Z. 01 ach field parame	Water Level (ft TIC) 6.00 5.48 5.45 5.45 5.45 5.45 5.46 5.46 5.46 5.46	YST 550 Temp. (Cefsius) [3%]*	pH [0.1 units]* [0.1 units]* 5. 42 5. 46 5. 52 5. 56 5. 56 collected at 3-1	03MOL sp. Cond. (ms/cm) [3%]* 	30 AC Turbidity (NTU) [10% or 1 NTU]* 15 143 112 64 316 13 17 15 9 10 15 9 10 10 10 10 10 10 10 10	(mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]*
0821 0831 0841 086 090 0916 0916 0915 093 he sta	DESTIN	Pump Rate (L/min.) 0.100	Total Gallons Removed O. 08 C. 34 O. 60 O. 86 D. 99 I. 23 I. 36 I. 49 I. 62 I. 75 I. 88 Z. 01 ach field parame	Water Level (ft TIC) 6.00 5.48 5.45 5.45 5.45 5.45 5.46 5.46 5.46 5.46	YST 550 Temp. (Cefsius) [3%]*	pH [0.1 units]* [0.1 units]* 5. 42 5. 46 5. 52 5. 56 5. 56 collected at 3-1	03MOL sp. Cond. (ms/cm) [3%]* 	30 AC Turbidity (NTU) [10% or 1 NTU]* 15 143 112 64 316 13 17 15 9 10 15 9 10 10 10 10 10 10 10 10	(mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]*
0821 0831 0841 086 090 0916 0916 0915 093 he sta	DESTIN Tatory:	Pump Rate (L/min.) 0.100	Total Gallons Removed O. 08 C. 34 O. 60 O. 86 D. 99 I. 23 I. 36 I. 49 I. 62 I. 75 I. 88 Z. 01 ach field parame	Water Level (ft TIC) 6.00 5.48 5.45 5.45 5.45 5.45 5.46 5.46 5.46 5.46	YST 550 Temp. (Cefsius) [3%]*	pH [0.1 units]* [0.1 units]* 5. 42 5. 46 5. 52 5. 56 5. 56 collected at 3-1	03MOL sp. Cond. (ms/cm) [3%]* 	30 AC Turbidity (NTU) [10% or 1 NTU]* 15 143 112 64 316 13 17 15 9 10 15 9 10 10 10 10 10 10 10 10	(mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]*
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0821 0831 0841 086 090 0916 0916 0915 093 he sta	DESTIN Tatory:	Pump Rate (L/min.) 0.100	Total Gallons Removed O. 08 C. 34 O. 60 O. 86 D. 99 I. 23 I. 36 I. 49 I. 62 I. 75 I. 88 Z. 01 ach field parame	Water Level (ft TIC) 6.00 5.48 5.45 5.45 5.45 5.45 5.46 5.46 5.46 5.46	YST 550 Temp. (Cefsius) [3%]*	pH [0.1 units]* [0.1 units]* 5. 42 5. 46 5. 52 5. 56 5. 56 collected at 3-1	03MOL sp. Cond. (ms/cm) [3%]* 	30 AC Turbidity (NTU) [10% or 1 NTU]* 15 143 112 64 316 13 17 15 9 10 15 9 10 10 10 10 10 10 10 10	(mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]*

Well No.	<u> </u>			Samplin	g Personnel	SEKI	HMG		
Key No		<u> </u>		Sampini	Date	10-14	DH		
PID Backgi	round (ppm)				Weather	Purtle	Claudes	50°F	
Well Head:	space (ppm)				AAAATHEL				
							Sample Time		
ELL INFORMA	TION	ŧ	See Pag	. 1			_		
Reference F	Point Marked?	Y N	See this	1 -					
Height of Re	eference Point_		Meas. From _						
,	Well Diameter _		_						
Screen	Interval Depth_		Meas. From _				Spiri Sample ID _		
Wate	er Table Depth _		Meas. From			Required	Analytical P	arameters:	Collecte
			Meas. From _	$\overline{}$		()		Std. list)	()
	Water Column _					()	•	Exp. list)	()
	Water in Well_		_			\(\frac{1}{2}\)	•	DCs	()
Intake Depth of	Pump/Tubing _		Meas. From _					(Total)	()
								issolved)	()
Reference Point						()		anics (Total)	()
	er (PVC) Casing					()		ics (Dissolved)	()
	iter (Protective)	Casing				()		PCBEs	()
Grade/BGS: Gr	ound Surface					()		/Herbicides	()
						()		ttenuation	()
Redevelop?	Y N					()		Specify)	1
						(,	2	,,	
EVACUATION I	NFORMATION								
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Pu	ımp Stop Time		-		Peristaltic Pum		bmersible Pump (ecify ()
Minut	tes of Pumping		-		Pump Type:	p () 32	billion and	,	
Die	/ater Removed d Well Go Dry? Water Quality M	Y N	erial Numbers:		Samples collec	ted by same me	thod as evacuation	n? Y N (speci	fy)
Die	d Well Go Dry? Water Quality M	Y N eter Type(s) / S			Samples collec	ted by same me	thod as evacuation Turbidity	n? Y N (speci	
Die	d Well Go Dry? Water Quality M	Y N eter Type(s) / S	Water	Temp.	Samples collec	· · · · · · · · · · · · · · · · · · ·			ORP
Die	d Well Go Dry? Water Quality M Pump Rate	Y N eter Type(s) / S Total Gallons	Water Level	Temp. (Celsius)	Samples collec	Sp. Cond.	Turbidity (NTU)	DO	ORP (mV) [10 m\
Did Time	d Well Go Dry? Water Quality M Pump Rate (L/min.)	Y N eter Type(s) / S Total Galions Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm)	Turbidity (NTU)	DO (mg/l)	ORP (mV) [10 m\
Die	d Well Go Dry? Water Quality M Pump Rate	Y N eter Type(s) / S Total Gallons	Water Level	Temp. (Celsius)	Samples collect	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 m\
Did Time	d Well Go Dry? Water Quality M Pump Rate (L/min.)	Y N eter Type(s) / S Total Galions Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 m\
Did Time	d Well Go Dry? Water Quality M Pump Rate (L/min.)	Y N eter Type(s) / S Total Galions Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 m\
Did Time	d Well Go Dry? Water Quality M Pump Rate (L/min.)	Y N eter Type(s) / S Total Galions Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 m\
Did Time	d Well Go Dry? Water Quality M Pump Rate (L/min.)	Y N eter Type(s) / S Total Galions Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 m\
Did Time	d Well Go Dry? Water Quality M Pump Rate (L/min.)	Y N eter Type(s) / S Total Galions Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 m\
Did Time	d Well Go Dry? Water Quality M Pump Rate (L/min.)	Y N eter Type(s) / S Total Galions Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 m\
Did Time	d Well Go Dry? Water Quality M Pump Rate (L/min.)	Y N eter Type(s) / S Total Galions Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 m\
Did Time	d Well Go Dry? Water Quality M Pump Rate (L/min.)	Y N eter Type(s) / S Total Galions Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 m\
Did Time	d Well Go Dry? Water Quality M Pump Rate (L/min.)	Y N eter Type(s) / S Total Galions Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 m\
Time O9 40	Water Quality M Pump Rate (L/min.)	Y N eter Type(s) / S Total Galions Removed 2.14	Water Level (ft TIC) 5. 46	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* O · 7.39	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* O , 25	ORP (mV [10 m) -79.
Time O9 40	Water Quality M Pump Rate (L/min.)	Y N eter Type(s) / S Total Galions Removed 2.14	Water Level (ft TIC) 5. 46	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* O · 7.39	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* O , 25	ORP (mV [10 m) -79.
Time OG 40	Water Quality M Pump Rate (L/min.) O. LOO	Y N eter Type(s) / S Total Galions Removed 2.14	Water Level (ft TIC) 5 · %	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* O · 7.39	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV [10 m) -79.
Time O9 40	Water Quality M Pump Rate (L/min.)	Y N eter Type(s) / S Total Galions Removed 2.14	Water Level (ft TIC) 5 · %	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* O · 7.39	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* O , 25	ORP (mV) [10 m) -79.
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Time OG 40	Water Quality M Pump Rate (L/min.) O. LOO	Y N eter Type(s) / S Total Galions Removed 2.14	Water Level (ft TIC) 5 · %	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* O · 7.39	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* O , 25	ORP (mV [10 m) -79.
Time OG 40	Water Quality M Pump Rate (L/min.) O. LOO	Y N eter Type(s) / S Total Galions Removed 2.14	Water Level (ft TIC) 5 · %	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* 0 · 7.39	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* O , 25	ORP (mV [10 m) -79.
Time O9 40 The stabilize OBSERVATIO	Water Quality M Pump Rate (L/min.) O. LOO	Y N eter Type(s) / S Total Galions Removed 2.14	Water Level (ft TIC) 5 · %	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* 0 · 7.39	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* O , 25	ORP (mV [10 m) -79.
Time O9 40 The stabilization observation	Water Quality M Pump Rate (L/min.) O.LOO	Y N eter Type(s) / S Total Galions Removed 2.14	Water Level (ft TIC) 5 . 46	Temp. (Celsius) [3%]* 13:50	pH [0.1 units]* 5.57	Sp. Cond. (mS/cm) [3%]* O · 739	Turbidity (NTU) [10% or 1 NTU]* .5	DO (mg/l) [10% or 0.1 mg/l]* O , 25	ORP (mV [10 m) -79.
Time O9 40 The stabilize OBSERVATIO	Water Quality M Pump Rate (L/min.) O. LOO attion criteria for e ONS/SAMPLING	Y N eter Type(s) / S Total Galions Removed 2.14	Water Level (ft TIC) 5 . YE	Temp. (Celsius) [3%]* 13.50	pH [0.1 units]* 5.57	Sp. Cond. (mS/cm) [3%]* O · 739	Turbidity (NTU) [10% or 1 NTU]* .5	DO (mg/l) [10% or 0.1 mg/l]* O , 25	ORP (mV) [10 m) -79.
Time O9 40 The stabilize OBSERVATIO	Water Quality M Pump Rate (L/min.) O. LOO attion criteria for e ONS/SAMPLING	Y N eter Type(s) / S Total Galions Removed 2.14	Water Level (ft TIC) 5 . 46	Temp. (Celsius) [3%]* 13.50	pH [0.1 units]* 5.57	Sp. Cond. (mS/cm) [3%]* O · 739	Turbidity (NTU) [10% or 1 NTU]* .5	DO (mg/l) [10% or 0.1 mg/l]* O , 25	ORP (mV) [10 m) - 79.3

Well No.	GM	A3-2		Sit	o/GMA Name	()- (Y	1A3		
Key No.		-		Sampl	ing Personnel	SEL	- / Ami		· · · · · · · · · · · · · · · · · · ·
PID Back	ground (ppm)		-		Date	10	-6-04		
	dspace (ppm)		-		Weather	<u>-</u> -	55 5000		
							2 _3/()(<u> </u>	·
WELL INFORM	ATION							1/1/2	6 11 s.
	Point Marked?	(Y) N					Sample Time		5 16 35
		\bigcirc .	=				Sample ID	GMH 3	-2
Height of R	Reference Point		Meas From		•		Ouplicate ID		
_	Well Diameter	<u> </u>	٥.	a+ 0			MSIMSD		
	interval Depth		Meas From	<u> 110</u>	•		Spit Sample ID		
Wai	ler Table Depth	<u> </u>		TIC					
	Well Cepth	14.96	Meas From	TIC_	-	San Strains		Parameters	Collected
Length of	Water Culumn	_8.30						(Std. list)	()
Valume o	d Water in Well			+ = 0		X	9/003	Ero ast)	· X
imake Depth o	of Pump/Tubing	10,73	Meas From	110			SV	'00 <i>3</i>	
							F107[10]	(fortain	1
Reference Point	Lidentification						12 TES 41	Drysonzert	
DC Top of Inne	or (PVC) (Lisin	!					*.letais.tngr	gamers (Coppe)	,
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EVACUATION	NICODALA CION						Caner	(Specify)	
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	es of Pumping	75_			Peristatio Franc		icanersale Puma () Utheat p	ecify ()
Volume of W	later Removed	ーアゴエ			Рааф Тура	37:45	Mayic_	SU SHUM	<u> </u>
Diel	FWell Go Cry?	γ (N)			Samples collec-	ted by parms me	ethod as evacuation	ro 🗜 N (speci	ly)
v		eter Type(s) / Si			Somp	-	<u> </u>	or, HACH	tibal.
	Pump	fotal	Water	Tamp.	jo l 1	Sp. Cond.	Turbidity	DO	ÓRP
Time	Rate	Gallons	Level	(Colsius)		(mS/cm)	(NTU)	(mg/l)	(mV)
	(min.)	Removed	(n TIC)	[3%].	[0.1 unds]*	[3%]*	[16% or UNTU]*	[10% or 0.1 mg/l]*	[10 mV]*
15.00	0.110	0.0	9.57		<u> </u>	<u> </u>	55		
15.05	0.110	0.146	6.89				46		_
15 10	D. 110	0.391	10.89			_	ነ እህ	_]
15 20	0.110	0.582	6.95			-	76		-
15:30	0.116	0473	7.03			i	69		
15 40	0 110	1.164	7.05				43		-
1250	0.100	7 22 4	711	10.00	1.50	11 S/I c	25	3110	3428
1<<<	0.100	321	-1' \'1	12.03	937	11.52	37	3 23	- 2 2 (1
13 33	6 100	333	4.14	15.25	1.03	11.70	26	3.53	-53/3
10.00	<u> </u>	7.01	1.13	13.13	7/3	11.23	<u> </u>	$\frac{\alpha \cdot \omega \cup }{\alpha \cdot \omega \cup \alpha}$	3221
10.05	0.100	17 37 3	<u></u>	13.14	7-1-7-3	11,51	\sim \sim \sim	x 62	- 725k
1010	0.100	1.397	1.30	18.11	1-17	15.00	<u> </u>	3.31	- 3359
16:12	0.100	1.355	1.32	18.70	1.15	12.01	10	2.30	-338.8
* The stabilization	on criteria for ea	ich field paramei	ter (three conse	cutive readings	collected at 3- to	o ភិ-ភាពបទេ inter	vals) is listed in eac	th column heading	
OBSERVATION	NS/SAMPLING	METHOD DEVIA	TIONS						
								•	
								1.6	
SAMPLE DEST									
SAMPLE DEST									
1.26									
Laboratory:	5 G J								
Defivered Via:	563 UP3						<i>,</i>	4/1	
	563 UP3				Field Sampling	Coordinator	- They are	KIR	

Well No.	GIN	~		Site/G	_		4 4		
Key No.				Sampling	Personnel _		K/Ani	<u>6-</u>	
PIO Backgro		_			Date	10	-6-04		
=	pace (ppm)	-			Weather	<u> </u>	<u>. 1 520</u>	My	
*/ = //									
LL INFORMAT	ION						Sample Time	16.35	
Reference Po		(N					Samole ID _	<u>-6m23-</u>	2
Height of Ref		0	Meas From				Sublicate (D) _		
	reil Clameter	.Du							
	itenzal Cepiti. 		Me is From _			,			
	Table Pesth _		Meas From						
77.300	_		Meas From			Secretary transfer	Analytical P	<u>arameters:</u>	Collected
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	Materin April _						, "C :	Exp. esti	()
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Volume of W. Uid	der Gemavad Walk Sa Day 1	Y N	nai Mumbers	ı	fung Type			r ^o Y N (s pe c	
Volume of W. Uid	der Gemavad Walk Sa Day 1		mal Muinteen. Water	ı	fung Type		eat us execuation	P Y N (Spec	ORP
Volume of W. Uid	der Removed vvets to Ory f Jater Buildy Mi	Y N der TypeCq / Se			flang Type Limples collec gH	Sp. Cond	Furbidity (NTU)	DO (mg/l)	ORP (mV)
Volume of W. Unit W	iter Removed syres do Ocy f Aiter (Juality Mi Pump	Y N der Type(s) / Se	Water	femp.	flana Type Limples dolled pH	Sp. Cond	Furbidity (NTU)	DO (mg/l)	ORP (mV)
Volume of W. Unit W	der Gemoved vven da Ocyl Ader Buddy Mi Pump Rate	Y N Her Type(h) / De Total Gallons	Water Level	femp. (Cotsius)	flang Type Limples collec gH	Sp. Cond	Furbidity (NTU)	DO (mg/l) (110% or 0.1 mg/l)	ORP (mV)
Volume of W. (In) 28	iter Gemoved vves do Ory * Zater Juality Mr Pump Rate (Urnin.)	Y N Her Type(h) / De Total Gallons	Water Level	femp. (Cotsius)	flana Type Limples dolled pH	Sp. Cont. (m5/cm)	Furbidity (NTU) 13	DO (mg/l)	ORP (mV)
Volume of W. (In) 28	the Semoved vves do Ory * /ater doubty Mr Pump Rate (Umin.)	Y N Her Type(h) / De Total Gallons	Water Level	femp. (Cotsius)	flana Type Limples dolled pH	Sp. Cond	Furbidity (NTU)	DO (mg/l) (110% or 0.1 mg/l)	ORP (mV)
Volume of W. (1st) A	And Common of the Common of th	Y N Her Type(h) / De Total Gallons	Water Level	femp. (Cotsius)	flana Type Limples dolled pH	Sp. Cont. (m5/cm)	Furbidity (NTU) 13	DO (mg/l) (110% or 0.1 mg/l)	ORP (mV)
Volume of W. (1st) A	And Common of the Common of th	Y N Her Type(h) / De Total Gallons	Water Level	femp. (Cotsius)	flana Type Limples dolled pH	Sp. Cont. (m5/cm)	Furbidity (NTU) 13	DO (mg/l) (110% or 0.1 mg/l)	ORP (mV)
Volume of W. (1st) A	And Common of the Common of th	Y N Her Type(h) / De Total Gallons	Water Level	femp. (Cotsius)	flana Type Limples dolled pH	Sp. Cont. (m5/cm)	Furbidity (NTU) 13	DO (mg/l) (110% or 0.1 mg/l)	ORP (mV)
Volume of W. (In) 28	And Common of the Common of th	Y N Her Type(h) / De Total Gallons	Water Level	femp. (Cotsius)	flana Type Limples dolled pH	Sp. Cont. (m5/cm)	Furbidity (NTU) 13	DO (mg/l) (110% or 0.1 mg/l)	ORP (mV)
Volume of W. (In) 28	And Common of the Common of th	Y N Her Type(h) / De Total Gallons	Water Level	femp. (Cotsius)	flana Type Limples dolled pH	Sp. Cont. (m5/cm)	Furbidity (NTU) 13	DO (mg/l) (110% or 0.1 mg/l)	ORP (mV)
Volume of W. (1st) A	And Common of the Common of th	Y N Her Type(h) / De Total Gallons	Water Level	femp. (Cotsius)	flana Type Limples dolled pH	Sp. Cont. (m5/cm)	Furbidity (NTU) 13	DO (mg/l) (110% or 0.1 mg/l)	ORP (mV)
Volume of W. (1st) A	the Semoved vves do Ory Alter Juddy M Pump Rate (Urnin.) O ()	Y N Her Type(h) / De Total Gallons	Water Level	femp. (Cotsius)	flana Type Limples dolled pH	Sp. Cont. (m5/cm)	Furbidity (NTU) 13	DO (mg/l) (110% or 0.1 mg/l)	ORP (mV)
Volume of W. (1a)	the Semoved vves do Ory Alter Juddy M Pump Rate (Urnin.) O ()	Y N Her Type(h) / De Total Gallons	Water Level	femp. (Cotsius)	flana Type Limples dolled pH	Sp. Cont. (m5/cm)	Furbidity (NTU) 13	DO (mg/l) (110% or 0.1 mg/l)	ORP (mV)
Time 10:30 10:30	the Semoved vves do Ory Alter Juddy Mr Pump Rate (Umin.) O (DO) O (DO)	rotal Gallons Removed 1.351 1.435	Water Level (it TiC) 7.25 7.23	(Gotsius) (3%)* (3%)* (3%)*	fleep Type Lamples doller pH [0 1 umbd] 7.30	Sp. cloud. 1 (nt5/cm) 12%:1 1 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Furbidity (NTU) 132	DO (mg/l) 110% or 0.1 mg/ll 2.1 [2.1 [ORP (mV) (11) mV - 3 4 1 - 3 3 4 1
Time 10:30 10:30	the Semoved vves do Ory Alter Juddy Mr Pump Rate (Umin.) O (DO) O (DO)	rotal Gallons Removed 1.351 1.435	Water Level (it TiC) 7.25 7.23	(Gotsius) (3%)* (3%)* (3%)*	fleep Type Lamples doller pH [0 1 umbd] 7.30	Sp. cloud. 1 (nt5/cm) 12%:1 1 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Furbidity (NTU) 132	DO (mg/l) 110% or 0.1 mg/ll 2.1 [2.1 [ORP (mV) (11) mV - 3 4 1 - 3 3 4 1
Time Time The stabilization	And Common Commo	real Callons Removed 1.381 1.435	Water Level (It TIC) 138 138	(Gotsius) (3%)* (3%)* (3%)*	fleep Type Lamples doller pH [0 1 umbd] 7.30	Sp. cloud. 1 (nt5/cm) 12%:1 1 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Furbidity (NTU) 132	DO (mg/l) (110% or 0.1 mg/l)	ORP (mV) (11) mV - 3 4 1 - 3 3 4 1
Time Time The stabilization	And Common Commo	rotal Gallons Removed 1.351 1.435	Water Level (It TIC) 138 138	(Gotsius) (3%)* (3%)* (3%)*	fleep Type Lamples doller pH [0 1 umbd] 7.30	Sp. cloud. 1 (nt5/cm) 12%:1 1 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Furbidity (NTU) 132	DO (mg/l) 110% or 0.1 mg/ll 2.1 [2.1 [ORP (mV) (11) mV - 3 4 1 - 3 3 4 1
Time Time The stabilization	And Common Commo	real Callons Removed 1.381 1.435	Water Level (It TIC) 138 138	(Gotsius) (3%)* (3%)* (3%)*	fleep Type Lamples doller pH [0 1 umbd] 7.30	Sp. cloud. 1 (nt5/cm) 12%:1 1 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Furbidity (NTU) 132	DO (mg/l) 110% or 0.1 mg/ll 2.1 [2.1 [ORP (mV) (11) mV - 3 4 1 - 3 3 4 1
Time Time The stabilization	And Common Commo	real Callons Removed 1.381 1.435	Water Level (It TIC) 138 138	(Gotsius) (3%)* (3%)* (3%)*	fleep Type Lamples doller pH [0 1 umbd] 7.30	Sp. cloud. 1 (nt5/cm) 12%:1 1 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Furbidity (NTU) 132	DO (mg/l) 110% or 0.1 mg/ll 2.1 [2.1 [ORP (mV) (11) mV - 3 4 1 - 3 3 4 1
Time Time The stabilization	And Common Commo	real Callons Removed 1.381 1.435	Water Level (It TIC) 138 138	(Gotsius) (3%)* (3%)* (3%)*	fleep Type Lamples doller pH [0 1 umbd] 7.30	Sp. cloud. 1 (nt5/cm) 12%:1 1 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Furbidity (NTU) 132	DO (mg/l) 110% or 0.1 mg/ll 2.1 [2.1 [ORP (mV) (11) mV - 3 4 1 - 3 3 4 1
Time Time Time The stabilization	Atter Canaday Marchael Control	real Callons Removed 1.381 1.435	Water Level (It TIC) 138 138	(Gotsius) (3%)* (3%)* (3%)*	fleep Type Lamples doller pH [0 1 umbd] 7.30	Sp. cloud. 1 (nt5/cm) 12%:1 1 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Furbidity (NTU) 132	DO (mg/l) 110% or 0.1 mg/ll 2.1 [2.1 [ORP (mV) (11) mV - 3 4 1 - 3 3 4 1
Time Time Time The stabilization SAMPLE DES	Alter Gemoved West do Ory Alter Gualdy Ma Pump Rate (L/min.) O (00) O (100) O	real Callons Removed 1.381 1.435	Water Level (It TIC) 138 138	(Gotsius) (3%)* (3%)* (3%)*	pH (0.1 umbs) (2.2) (3.2) (4.3) (5.4) (6.4) (7.3) (7.3) (8.4) (9.4)	Sp. Cond. (m5/cm) (2%)	Furbidity (NTU) 130% or 1 NTUIT	DO (mg/l) 110% or 0 1 mg/ll 2 1 1 2 1 1	ORP (mV) (10 mV) - 3 4 1 1 - 3 3 2
Time Time Time The stabilization SAMPLE DES Laboratory	Atter Genoved West do Ory Atter Gualdy Ma Pump Rate (L/min.) O ()	real Callons Removed 1.381 1.435	Water Level (It TIC) 138 138	(Gotsius) (3%)* (3%)* (3%)*	pH (0.1 umbs) (2.2) (3.2) (4.3) (5.4) (6.4) (7.3) (7.3) (8.4) (9.4)	Sp. Cond. (m5/cm) (2%)	Furbidity (NTU) 130% or 1 NTUIT	DO (mg/l) 110% or 0 1 mg/ll 2 1 1 2 1 1	ORP (mV) (10 mV) - 3 4 1 1 - 3 3 2
Time Time Time The stabilization SAMPLE DES	Atter Genoved West do Ory Atter Gualdy Ms Pump Rate (L/min.) O ()	real Callons Removed 1.381 1.435	Water Level (It TIC) 138 138	(Gotsius) (3%)* (3%)* (3%)*	pH (0.1 umbs) (2.2) (3.2) (4.3) (5.4) (6.4) (7.3) (7.3) (8.4) (9.4)	Sp. Cond. (m5/cm) (2%)	Furbidity (NTU) 130% or 1 NTUIT	DO (mg/l) 110% or 0.1 mg/ll 2.1 [2.1 [ORP (mV) (10 mV) - 3 4 1 1 - 3 3 2

Ci-Documents and Settings/MeachLocal Settings/TempiSS4199 Attachment 0:2 Hg

	GMA:	2-2		Site/0	GMA Name	GMA.	3		
Weil No	CIPIT	 _			Personnel	SEK	AMG		
Key No				oups	Date	10-15	-04		
_	ronuq (bbw) —	-	•		Weather	Cloude	scattere	d rain bi)°F
Well Heads	space (ppm)					(,		
						•	Sample Time	10:15	
WELL INFORMA		(2) N					Sample ID	GMA 3-3	<u> </u>
	Point Marked?	ري مي.	Meas. From	365			Duplicate ID		
-	eference Point	211	Meas. From _	00,0			MS/MSD		
	Well Diameter	L-12'	Meas. From	R65		:		VB-GW000	053-0-46
	Interval Depth		Meas. From _	TIC					-"
Wate	r Table Depth	12 24	Meas. From	716		Required	Analytical P	arameters:	Collected
	Well Depth _	0.58	(VICES: 1 70111 _			$\langle X \rangle$	VOCs (S	Std. list)	(×)
	Water Column	1.72 aa	lipaS			()	VOCs (Exp. list)	()
	Water in Well _	 1 - 3 -	Meas. From	TIC		(X)	svo)Cs	(<i>Y</i>)
Intake Depth of	Pump/Tubing _		ielous, i rom j				PCBs	(Totai)	(X)
							PCBs (D	issolved)	(`
Reference Point						(火)	Metals/Inorg	anics (Total)	$(\sqrt{2})$
TIC: Top of inne		0				(%)	Metals/Inorgan	ics (Dissolved)	(〉)
TOC: Top of Ou		Lasing				(X)	PCDDs	/PCDFs	$\langle \mathcal{N} \rangle$
Grade/BGS: Gro	ound Surface					(\mathbf{x})	Pesticides	/Herbicides	(\mathcal{L})
	\sim						Natural A	ttenuation	()
Redevelop?	Y (N)					(X)	Other (Specify)	(\mathcal{N})
						`~.	Cyan	ide (total:	and dissolve
EVACUATION I		0835_					sús	عاد	
	mp Start Time	13 15			Evacuation Met	nod: Bailer () Bladder P	ump ()	
	mp Stop Time	13:30			Peristaltic Pump		mersible Pump() Other/Spe	ecify ()
	es of Pumping	8,06	. 61		Pump Type:	- acos	Duno_		
	ater Removed	3100	7.01		Samples collect		nod as evacuation	n? (Ÿ) N (specif	'y)
Dio	Well Go Dry?	ď			Outriples some	•	_	<u> </u>	
	Water Quality Me	-t Timo(c) / Se	arial Numbers	YSI 5	56 MPS	: 03L	,0392	AE	
,	Water Quality MR	elet Type(a) / Ot	sila italiibois.	HACH:	2100 P T	WEBIDIT	netěr: o	21000028	7323
		Total	Water	Temp.	рН	Sp. Cond.	Turbidity	DO	ORP
	Pump	Gallons	Level	(Celsius)	· ·	(mS/cm)	(NTU)	(mg/l)	(mV)
Time	Rate	Removed	(ft TIC)	[3%]*	[0.1 units]*	[3%]*	[10% or 1 NTU]*	[10% or 0.1 mg/l]*	[10 mV]*
00/16	(L/min.)	0.26	2.00	-		_	160		
10372	0.100	0.52	3.01				<u>ال</u> خ		
0255	0.00	0.78	3.5				34		
102	 	1.07	2 22	16.55	597	4,504	13	4,25	-20 X
2110	0.100		7 59	631	615	4.678	9	1.06	-65.4
9 31	0.100	1.20	355	11.75	(2.28	4.892	7	0.75	-78.9
9 20	1 0 100	1.33	2 02	1000	6.30	4 949	7	(0.78	-81.7
2.31	0.100	120	2.02	6.35	6.34	5.068	5	0.90	- 87.3
9:36	0.100	1.57	1.98	16.21	1.36	5.146	4	0.79	-90.1
9:41	0.100	1.16	2.02	16.40	4.38	5.202	4	0.75	-90.6
7:46	0.100	1.85		1/2 27	6.40	5.276	4	0.59	-94.4
9:51	0.100	· 1D	Z. 00	1 29	10 47	5.222	~3	0.61	-95.8
4:56	10.100	<u> </u>	2.02	10.50	collected at 3-	to 5-minute inter	vals) is listed in ea	ich column heading.	
* The stabiliza	tion criteria for e	ach field param	eter (three cons	secutive readings	PuRgi	5: tur	rid. Clear	witer n	o oder.
OBSERVATIO	NS/SAMPLING	METHOD DEV	IA HUNS	Micro	LIME		V		
									
			···-						
							·		
				-					
SAMPLE DES									.
	y: <u> </u>			_			_	/	///_
Delivered Via	a: <u> </u>			_		Caa-din-4		and the	
	#:				Field Samplin	g Coordinator:		72	
								//	
							•		

MA 3- Well No)	Daman-al 1	* F 12 / F1	MG		
Key No.			1	Sampling	Personnel	0/15/01			
	ound (ppm)	<u> </u>				0773 (- 7			
Well Heads	space (ppm) <u>(</u>	<u> </u>			Weather				
							Sample Time	10:15	
L INFORMA	TION						Sample ID 🗸	MA 3-3	
	oint Marked?	Y N	_		,			_	
Height of Re	ference Point		Meas. From			-	MS/MSD	- -	
1	Vell Diameter		_				Split Sample ID	18-GW0000	53-0-4
Screen	interval Depth		Meas. From _				, _		
Wate	r Table Depth		Meas. From _			Required	<u>Analytical Pa</u>	arameters:	Collected
	Well Depth		Meas. From			()	VOCs (S	td. list)	()
-	Water Column					()	VOCs (E	xp. list)	()
	Water in Well		Mone From	X		()	svo	Cs	()
ake Depth of	Pump/Tubing		Meas, From _	$\overline{}$		()	PCBs (Total)	()
			,			()	PCBs (Di	ssolved)	()
	Identification:					()	Metals/Inorga	anics (Total)	()
	er (PVC) Casing					()	Metals/Inorgani	cs (Dissolved)	()
	iter (Protective) (asing			\	()	PCDDs		()
de/BGS: Gr	ound Surface				`		Pesticides/	Herbicides	()
							Natural A	ttenuation	()
develop?	Y N		/				Other (Specify)	()
Pu	NFORMATION imp Start Time				Evacuation Met	nod: Bailer() Bladder P	ump ()	
Pι	Clean Time								
	mp Stop Time) Other/Spe	cify ()
Minut	tes of Pumping _	/			Peristaltic Pump		bmersia e Pump () Other/Spe	cify ()
Minut Volume of W	tes of Pumping _ Vater Removed _	YN			Peristaltic Pump Pump Type:) Su			
Minut Volume of W	tes of Pumping _		erial Numbers:		Peristaltic Pump Pump [*] Type: Samples collect) Su	bmersia e Pump (у)
Minut Volume of W Die	tes of Pumping _ Vater Removed / d Well Go Dryn Water Quality Me	eter Type(s) / Se			Peristaltic Pump Pump [*] Type: Samples collect) Su	bmersia e Pump (y) ORP
Minut Volume of V Did	tes of Pumping	ter Type(s) / Se	Water	Temp.	Peristaltic Pump Pump ⁴ Type: Samples collect	ed by same me	thod as evacuation Turbidity (NTU)	P Y N (specif	ORP (mV)
Minut Volume of W Die	tes of Pumping Vater Removed d Well Go Dry Water Quality Me	Total Gallons	Water Level	Temp. (Celsius)	Peristaltic Pump Pump ⁴ Type: Samples collect	ed by same me	thod as evacuation Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
Minut Volume of V Di	tes of Pumping Vater Removed d Well Go Dry Water Quality Me Pump Rate (L/min.)	ter Type(s) / So Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	Peristaltic Pump Pump Type: Samples collect	ed by same me Sp. Cond. (mS/cm)	Turbidity (NTU)	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
Minut Volume of W Did Time	tes of Pumping	Total Gallons Removed	Water Level (ft TIC) 2.03	Temp. (Celsius)	Peristaltic Pump Pump *Type: Samples collect pH [0.1 units]*	sp. Cond. (mS/cm)	thod as evacuation Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* O. 5.2	ORP (mV) [10 mV]*
Minut Volume of W Did Time	tes of Pumping	Total Gallons Removed 2.22 2.33	Water Level (ft TIC) 2.03	Temp. (Celsius) [3%]* [6.37]	Peristaltic Pump Pump Type: Samples collect pH [0.1 units]*	Sp. Cond. (mS/cm) [3%] 5.364 5.364 5.423	Turbidity (NTU)	DO (mg/l) [10% or 0.1 mg/l]* O. 5.3 C. 49 D. 42	ORP (mV) [10 mV]*
Minut Volume of W Dis	tes of Pumping	Total Gallons Removed 2.22 2.32	Water Levei (ft TIC) 2.03 2.01 2.01	Temp. (Celsius) [3%]* [6.37] [6.40]	Peristaltic Pump Pump Type: Samples collect pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* 5.364 5.364	thod as evacuation Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* O. 5.2	ORP (mV) [10 mV]*
Minut Volume of W Dis	tes of Pumping	Total Gallons Removed 2.22 2.33	Water Level (ft TIC) 2.03	Temp. (Celsius) [3%]* [6.37]	Peristaltic Pump Pump Type: Samples collect pH [0.1 units]* [0.4 4]	Sp. Cond. (mS/cm) [3%] 5.364 5.364 5.423	thod as evacuation Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* O. 5.3 C. 49 D. 42	ORP (mV) [10 mV]*
Minut Volume of W Dis	tes of Pumping	Total Gallons Removed 2.22 2.32	Water Levei (ft TIC) 2.03 2.01 2.01	Temp. (Celsius) [3%]* [6.37] [6.40]	Peristaltic Pump Pump Type: Samples collect pH [0.1 units]* [0.4 4]	Sp. Cond. (mS/cm) [3%] 5.364 5.364 5.423	thod as evacuation Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* O. 5.3 C. 49 D. 42	ORP (mV) [10 mV]*
Minut Volume of W Did	tes of Pumping	Total Gallons Removed 2.22 2.32	Water Levei (ft TIC) 2.03 2.01 2.01	Temp. (Celsius) [3%]* [6.37] [6.40]	Peristaltic Pump Pump Type: Samples collect pH [0.1 units]* [0.4 4]	Sp. Cond. (mS/cm) [3%] 5.364 5.364 5.423	thod as evacuation Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* O. 5.3 C. 49 D. 42	ORP (mV) [10 mV]*
Minut Volume of W Dis	tes of Pumping	Total Gallons Removed 2.22 2.32	Water Levei (ft TIC) 2.03 2.01 2.01	Temp. (Celsius) [3%]* [6.37] [6.40]	Peristaltic Pump Pump Type: Samples collect pH [0.1 units]* [0.4 4]	Sp. Cond. (mS/cm) [3%] 5.364 5.364 5.423	thod as evacuation Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* O. 5.3 C. 49 D. 42	ORP (mV) [10 mV]*
Minut Volume of W Dis	tes of Pumping	Total Gallons Removed 2.22 2.32	Water Levei (ft TIC) 2.03 2.01 2.01	Temp. (Celsius) [3%]* [6.37] [6.40]	Peristaltic Pump Pump Type: Samples collect pH [0.1 units]* [0.4 4]	Sp. Cond. (mS/cm) [3%] 5.364 5.364 5.423	thod as evacuation Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* O. 5.3 C. 49 D. 42	ORP (mV) [10 mV]*
Minut Volume of W Dis	tes of Pumping	Total Gallons Removed 2.22 2.32	Water Levei (ft TIC) 2.03 2.01 2.01	Temp. (Celsius) [3%]* [6.37] [6.40]	Peristaltic Pump Pump Type: Samples collect pH [0.1 units]* [0.4 4]	Sp. Cond. (mS/cm) [3%] 5.364 5.364 5.423	thod as evacuation Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* O. 5.3 C. 49 D. 42	ORP (mV) [10 mV]*
Minut Volume of W Did Time	tes of Pumping	Total Gallons Removed 2.22 2.32	Water Levei (ft TIC) 2.03 2.01 2.01	Temp. (Celsius) [3%]* [6.37] [6.40]	Peristaltic Pump Pump Type: Samples collect pH [0.1 units]* [0.4 4]	Sp. Cond. (mS/cm) [3%] 5.364 5.364 5.423	thod as evacuation Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* O. 5.3 C. 49 D. 42	ORP (mV) [10 mV]*
Minut Volume of W Dis	tes of Pumping Vater Removed / d Well Go Dryf Water Quality Mel Pump Rate (L/min.) 0.100 0.100 0.100	Total Gallons Removed 2:22 2.33 2.44 2.55	Water Levei (ft TIC) 2.03 2.01 2.01 2.05	Temp. (Celsius) [3%]* [6.37 [6.43 [6.40 [6.37	Peristaltic Pump Pump Type: Samples collect pH [0.1 units]* [0.4 4] [0.4 4] [0.4 5]	Sp. Cond. (mS/cm) [3%]* 5.364 5.423 5.423	Turbidity (NTU) [10% or 1 NTU]* 4 3 3	DO (mg/l) [10% or 0.1 mg/l] O · 5 · 3 C · 4 · 9 O · 4 · 2 O · 4 · 2	ORP (mV) [10 mV]* 7.3 79.9 100.3
Minut Volume of W Dis	tes of Pumping Vater Removed / d Well Go Dryf Water Quality Mel Pump Rate (L/min.) 0.100 0.100 0.100	Total Gallons Removed 2:22 2.33 2.44 2.55	Water Levei (ft TIC) 2.03 2.01 2.01 2.05	Temp. (Celsius) [3%]* [6.37 [6.43 [6.40 [6.37	Peristaltic Pump Pump Type: Samples collect pH [0.1 units]* [0.4 4] [0.4 4] [0.4 5]	Sp. Cond. (mS/cm) [3%]* 5.364 5.423 5.423	Turbidity (NTU) [10% or 1 NTU]* 4 3 3	DO (mg/l) [10% or 0.1 mg/l] O · 5 · 3 C · 4 · 9 O · 4 · 2 O · 4 · 2	ORP (mV) [10 mV]* 7.3 79.9 100.3
Minut Volume of W Dis	tes of Pumping Vater Removed A Well Go Dryn Water Quality Mel Pump Rate (L/min.) Q.100 Q.100 Q.100 Q.100	Total Gallons Removed 2.22 2.33 2.44 2.55	Water Levei (ft TIC) 2.03 2.01 2.01 2.05	Temp. (Celsius) [3%]* [6.37 [6.43 [6.40 [6.37	Peristaltic Pump Pump Type: Samples collect pH [0.1 units]* [0.4 4] [0.4 4] [0.4 5]	Sp. Cond. (mS/cm) [3%]* 5.364 5.423 5.423	Turbidity (NTU) [10% or 1 NTU]* 4 3 3	DO (mg/l) [10% or 0.1 mg/l]* O. 5.3 C. 49 D. 42	ORP (mV) [10 mV]* 7.3 79.9 100.3
Minut Volume of W Dis	tes of Pumping Vater Removed / d Well Go Dryf Water Quality Mel Pump Rate (L/min.) 0.100 0.100 0.100	Total Gallons Removed 2.22 2.33 2.44 2.55	Water Levei (ft TIC) 2.03 2.01 2.01 2.07	Temp. (Celsius) [3%]* [6.37 [6.43 [6.40 [6.37	Peristaltic Pump Pump Type: Samples collect pH [0.1 units]* [0.4 4] [0.4 4] [0.4 5]	Sp. Cond. (mS/cm) [3%]* 5.364 5.423 5.423	Turbidity (NTU) [10% or 1 NTU]* 4 3 3	DO (mg/l) [10% or 0.1 mg/l] O · 5 · 3 C · 4 · 9 O · 4 · 2 O · 4 · 2	ORP (mV) [10 mV]* 7.3 79.9 100.3
Minut Volume of W Dis	tes of Pumping Vater Removed A Well Go Dryn Water Quality Mel Pump Rate (L/min.) Q.100 Q.100 Q.100 Q.100	Total Gallons Removed 2.22 2.33 2.44 2.55	Water Levei (ft TIC) 2.03 2.01 2.01 2.07	Temp. (Celsius) [3%]* [6.37] [6.43] [6.40] [6.37]	Peristaltic Pump Pump Type: Samples collect pH [0.1 units]* [0.4 4] [0.4 4] [0.4 5]	Sp. Cond. (mS/cm) [3%]* 5.364 5.423 5.423	Turbidity (NTU) [10% or 1 NTU]* 4 3 3	DO (mg/l) [10% or 0.1 mg/l] O · 5 · 3 C · 4 · 9 O · 4 · 2 O · 4 · 2	ORP (mV) [10 mV]* 7.3 79.9 100.3
Minut Volume of W Dis	tes of Pumping Vater Removed A Well Go Dryn Water Quality Mel Pump Rate (L/min.) Q.100 Q.100 Q.100 Q.100	Total Gallons Removed 2.22 2.33 2.44 2.55	Water Levei (ft TIC) 2.03 2.01 2.01 2.07	Temp. (Celsius) [3%]* [6.37] [6.43] [6.40] [6.37]	Peristaltic Pump Pump Type: Samples collect pH [0.1 units]* [0.4 4] [0.4 4] [0.4 5]	Sp. Cond. (mS/cm) [3%]* 5.364 5.423 5.423	Turbidity (NTU) [10% or 1 NTU]* 4 3 3	DO (mg/l) [10% or 0.1 mg/l] O · 5 · 3 C · 4 · 9 O · 4 · 2 O · 4 · 2	ORP (mV) [10 mV]* 7.3 79.9 100.3
Minut Volume of W Dis	tes of Pumping Vater Removed A Well Go Dryn Water Quality Mel Pump Rate (L/min.) Q.100 Q.100 Q.100 Q.100	Total Gallons Removed 2.22 2.33 2.44 2.55	Water Levei (ft TIC) 2.03 2.01 2.01 2.07	Temp. (Celsius) [3%]* [6.37] [6.43] [6.40] [6.37]	Peristaltic Pump Pump Type: Samples collect pH [0.1 units]* [0.4 4] [0.4 4] [0.4 5]	Sp. Cond. (mS/cm) [3%]* 5.364 5.423 5.423	Turbidity (NTU) [10% or 1 NTU]* 4 3 3	DO (mg/l) [10% or 0.1 mg/l] O · 5 · 3 C · 4 · 9 O · 4 · 2 O · 4 · 2	ORP (mV) [10 mV]* 7.3 79.9 100.3
Minut Volume of W Dis	tes of Pumping	Total Gallons Removed 2.22 2.33 2.44 2.55	Water Levei (ft TIC) 2.03 2.01 2.01 2.07	Temp. (Celsius) [3%]* [6.37] [6.43] [6.40] [6.37]	Peristaltic Pump Pump Type: Samples collect pH [0.1 units]* [0.4 4] [0.4 4] [0.4 5]	Sp. Cond. (mS/cm) [3%]* 5.364 5.423 5.423	Turbidity (NTU) [10% or 1 NTU]* 4 3 3	DO (mg/l) [10% or 0.1 mg/l] O · 5 · 3 C · 4 · 9 O · 4 · 2 O · 4 · 2	ORP (mV) [10 mV]* 7.3 79.9 100.3
Minut Volume of W Dis Time / 0.00 / 0.05 / 0.5 /	tes of Pumping Vater Removed de Well Go Dryf Water Quality Mel Go Dryf Water Quality Mel Go Dryf Rate (L/min.) 0.100	Total Gallons Removed 2.22 2.33 2.44 2.55	Water Levei (ft TIC) 2.03 2.01 2.01 2.07	Temp. (Celsius) [3%]* [6.37] [6.43] [6.40] [6.37]	Peristaltic Pump Pump Type: Samples collect pH [0.1 units]* [0.4 4] [0.4 4] [0.4 5]	Sp. Cond. (mS/cm) [3%]* 5.364 5.423 5.423	Turbidity (NTU) [10% or 1 NTU]* 4 3 3	DO (mg/l) [10% or 0.1 mg/l]* O. 5.3 C. 49 D. 42 O. 42	ORP (mV) [10 mV]* -97.9 -99.0 -100.3
Minut Volume of W Dis Time / 0.00 / 0	tes of Pumping	Total Gallons Removed 2.22 2.44 2.55	Water Levei (ft TIC) 2.03 2.01 2.01 2.05 Deter (three constitutions	Temp. (Celsius) [3%]* [6.37] [6.40] [6.40] [6.37]	Peristaltic Pump Pump Type: Samples collect pH [0.1 units]* (0.4 3) (0.44) (0.45) (0.45)	Sp. Cond. (mS/cm) [3%]* 5.364 5.390 5.423 5.423	Turbidity (NTU) [10% or 1 NTU]* 4 3 3	DO (mg/l) [10% or 0.1 mg/l]* 0.53 C.49 D.42 O.42	ORP (mV) [10 mV]* -97.9 -99.0 -100.3

Well No.	GMA 3-	- 4		_ \$	ite/GMA Name	<u> </u>	75 Tec/d	G/HJ	
Key No.					iling Personnel				
	(ground (ppm)	0		-	Date	70/8/04			
	idspace (ppm)			-		Sunny,	70°F		
						, ,			
VELL INFORM	ATION	_					Sample Time		
Reference	Point Marked?	\bigcirc N					Sample ID	GMA3-4	
Height of F	Reference Paint		Meas. From	Ground			Duplicate ID		
	Well Diameter	٤"	-				MS/MSD		
Screen	n Interval Depth.	3.57'-1357	Meas, From	Ground	_		Spiit Sample ID		
	ter Taple Depth		Meas. From	TIL	_				
	Well Depth	13.34'	Meas. From		_	Required	Analytical	Parameters:	Collected
Length of	f Water Column	6.64'	_			()	VOCs	(Std list)	()
Volume o	of Water in Well	1-08 gall	lon			$(\boldsymbol{\varkappa})$	VOCs	(Exp. list)	()
Intake Depth	of Pump/Tubing	10'	Meas. From	TIC		()	sv	/OCs	()
			_		-	()	PCBs	s (Total)	()
eference Point	t Identification					()	PCBs (I	Dissolved)	(1
	er (PVC) Casing	,				,)		rganics (Total)	()
	uter (Protective)							inics (Dissolved)	()
Grade/BGS. Gr	•	Coarrig					_	s/PCDFs	()
sraberboo. Gr	round Sunace					,		s/Herbicides	, ,
	. 🙆					, ,		Attenuation	, ,
Redevelop?	Y (N)					()			
						()	Other	(Specify)	()
	INFORMATION								
	Pump Start Time		-					_ No.	
	umb Stob Hime				Evacuation Met			Pump 🗶)	
Mini						n (} Su	bmersible Pump (\ Other/	Specify ()
	utes of Pumping				Peristattic Pumi				
	utes of Pumbing Water Removed		دارسا		Pump Type *	Marsch	1k -syrte.	m-One	
/olume of \	Water Removed id Well Go Dry?	Z.609		V51-557	Pump Type Samples collec	Marschelted by same met	Ik -Syrte. hnd as evacuation AC	<i>n −0n ∟</i> 17	
/olume of \	Water Removed id Well Go Dry?	Z.609		VS1-557 Hash 21 Tamp.	Pump Type Samples collec	Marschelted by same met	Ik -Syrte. hnd as evacuation AC	m-One	
/olume of \	Water Removed id Well Go Dry? Water Quality	Z. 60 q c	Senal Numbers	Hack 21	Pump Type Samples collect MPJ = C	Marscheld by same inet	1k -system hnd as evacuation AC OZOZOI	n -Un L 17 ♥ N (spe	,
Solume of V	Nater Removed id Well Go Dry? Water Quality	Z. 60 q o	Senai Numbers	Hach Za	Pump Type Samples collect MPJ = C	Marscheld by same met 3MO235 1J.m.t. Sp. Cond	Ik -Syste. hod as evacuation O A C O Z O Z O (Turbidity (NTU) (10% Cr 1 NTUi*	n - Un L 17 ♥ N (spe	ORP (mV)
Volume of A	Water Removed Well Go Dry? Water Quality Pump Rate (Umin.)	Y N Meter Type(s) / Total - Gallons	Senai Numbers Water Level	Tamp. (Celsius)	Pump Type * Samples collect MPJ - C BO P Tu-1	Marscheled by same met 3 M O 2 3 E 3 J Cond (mS/cm)	hnd as evacuation AC OZOZO(Turbidity (NTU)	n - On L 17	ORP (mV)
70 time	Water Removed in Well Go Dry? Water Quality Pump Rate (Umin.)	Y N Meter Type(s) / Total - Gallons Removed O. O6	Senal Numbers Water Level (ft TIC) 6-41	Tamp. (Celsius)	Pump Type * Samples collect MPJ - C BO P Tu-1	Marscheled by same met 3 M O 2 3 E 3 J Cond (mS/cm)	Ik -Syste. hod as evacuation O A C O Z O Z O (Turbidity (NTU) (10% Cr 1 NTUi*	n - On L 17	ORP (mV)
Time 70: 53 11:00	Water Removed to Well Go Dry? Water Quality Pump Rate (Umin.) 100ml /0.0ml	Y N Meter Type(s) / Total - Gallons Removed O. 26	Senai Numbers Water Level (ft TIC)	Tamp. (Celsius)	Pump Type * Samples collect MPJ - C BO P Tu-1	Marscheled by same met 3 M O 2 3 E 3 J Cond (mS/cm)	Ik -Syste. had as evacuation OPC OZOZO(Turbidity (NTU) (10% Cr 1 NTUI*	n - On L 17	ORP (mV)
Time 70: 5-3 11:00 11:20	Water Removed to Well Go Dry? Water Quality Pump Rate (Umin.) /00ml /00ml	Y N Meter Type(s) / Total - Gallons Removed O. 26 O. 29	Water Level (ft TIC) 6-71 6, 72 6-73	Tamp. (Celsius) [3%]*	Pump Type * Samples collect MPJ - C BO P Tu-1	Marscheled by same met 3 M O 2 3 E Sp. Cond (mS/cm) [3%]*	Ik -Syste. had as evacuation AC OZOZO(Turbidity (NTU) [10% CI 1 NTUI* Y9 637 481	n - On L 17	ORP (mV)
70/ume of NO. Time 70:53 11:00 11:40	Water Removed to Well Go Dry? Water Quality Pump Rate (Umin.) 100ml 100ml 100ml	Z. 60 9 0 Y N N N N N N N N N N N N N N N N N N	Water Level (ft TIC) 6-71 6, 72 6-73 6.72	Tamp. (Celsius) 13%1*	Pump Type " Samples collect MPJ - C BOP Tu-1 pH 10.1 units!"	Marscheled by same met SMO236 Sp. Cond (mS/cm) [3%]*	1k - Syste. hnd as evacuation AC OZOZO(Turbidity (NTU) (10% CT NTU) Y9 637 481 23	N - ON L N (spe	ORP (mV)
Time /0:53 //:00 //:30 //:50	Water Removed to Well Go Dry? Water Quality Pump Rate (L/min.) 100ml 100ml 100ml 100ml	Z. 60 9 0 Y N N N N N N N N N N N N N N N N N N	Water Level (ft TIC) 6-71 6, 72 6-73 6-73	Tamp. (Celsius)	Pump Type * Samples collect MPJ - C DO P Tu-1 pH 10.1 unds1*	Marscheled by same inet SMO235 Sp. Cond (mS/cm) [3%]*	1k - Syste. hnd as evacuation AC OZOZO(Turbidity (NTU) (10% CT 1 NTUI* 49 637 481 23	0025376 0025376 000 (mg/l) 110% or 0.1 mg/l	ORP (mV) * 10 mV * - - - - - - - - - - - - -
Time 10:53 //:00 //:30 //:50 //:50	Water Removed to Well Go Dry? Water Quality Pump Rate (Umin.) 100ml 100ml 100ml 100ml	Z. 60 9 0 Y N N N N N N N N N N N N N N N N N N	Water Level (ft TIC) 6-71 6,72 6-73 6-73 6-73	Tamp. (Celsius) (3%)*	Pump Type * Samples collect MPJ - C DO P Tu-l pH 10.1 unds!*	Marscheled by same inet SMO230 Sp. Cond (mS/cm) [3%]* O. 548 O. 547	1k - Syste. hnd as evacuation AC OZOZO(Turbidity (NTU) (10% CT 1 NTUI* Y9 637 481 23	0025376 0025376 000 (mg/l) 110% or 0.1 mg/l	ORP (mV) 11 110 mVI
Time 10:53 //:00 //:50 //:50 //:50 //:50	Water Removed to Well Go Dry? Water Quality Pump Rate (Umin.) 100ml 100ml 100ml 100ml 100ml	Z.6090 Y N Meter Type(s) / Total . Gallons Removed 0.08 0.26 0.79 /.32 /.59 /.72 /.85	Water Level (ft TIC) 6.71 6.72 6.73 6.73 6.73 6.73	Tamp. (Celsius) (3%):	Pump Type * Samples collect MPJ - C OO P Tu-(pH 10.1 units)*	Marsch 2 M 0 2 3 0 3 p. Cond (m3/cm) [3%]* 0.548 0.547 0.546	1k - Syste. had as evacuation AC OZOZO(Turbidity (NTU) (10% cr.1 NTU) Y9 637 481 23 (0) 8	00 2 5 3 76 00 (mg/l) 110% or 0 1 mg/l	ORP (mV) * [10 mV *
Time /0:53 //:00 //:50 //:50 //:50 //:50 //:55	Water Removed to Well Go Dry? Water Quality Pump Rate (L/min.) 100ml 100ml 100ml 100ml 100ml 100ml	Z.609 Y N Meter Type(s) / Total . Gallons Removed Q.08 Q.26 Q.29 /.32 /.59 /.72 /.85 /.99	Water Level (ft TIC) 6-71 6-73 6-73 6-73 6-73 6-73	Tamp. (Celsius) (3%1	Pump Type " Samples collect MPJ - C DO P Tu-6 pH 10.1 units!"	Marsch BM 02 30 Sp. Cond (mS/cm) [3%]* 0.548 0.547 0.546		00 2 5 3 76 00 (mg/l) 110% or 0.1 mg/l	ORP (mV) 110 mV1 173.0 114.5 96.6 \$6.c
Time 10:53 //:00 //:50 //:50 //:50 //:50 //:50 //:50 //:50	Water Removed to Well Go Dry? Water Quality Pump Rate (Umin.) 100ml 100ml 100ml 100ml 100ml 100ml 100ml	Z.6090 Y N Meter Type(s) / Total . Gallons Removed Q.08 Q.26 Q.29 /.32 /.59 /.72 /.85 /.99 2.12	Water Level (RTIC) 6.71 6.72 6.73 6.73 6.73 6.73 6.73 6.73 6.73	Tamp. (Celsius) (3%1 21.81 21.60 21.57 21.66	Pump Type * Samples collect MPJ - C 00 P Tu-6 pH 10.1 units!*	Marsch led by same inet 3 M O 2 3 E 3 D C Ond (mS/cm) (3%)' 0.548 0.548 0.545 0.549		0025376 0025376 000 (mg/l) 110% or 0.1 mg/l	ORP (mV) 110 mV)
Time 10:53 //:00 //:30 //:50 //:50 //:50 //:50 //:50 //:55 /2:00 /2:05	Nater Removed to Well Go Dry? Water Quality Pump Rate (Umin.) /00ml /00ml /00ml /00ml /00ml /00ml /00ml /00ml	Z. 60 9 6 Y N Meter Type(s) / Total . Gallons Removed 0.06 0.26 0.29 /.32 /.59 /.72 /.99 2.12 2.25	Water Level (ft TIC) 6.71 6.72 6.73 6.73 6.73 6.73 6.73 6.73 6.73	Temp. (Celsius) (3%1 21.81 21.60 21.57 21.66 21.76	Pump Type " Samples collect MP J - C 00 P Tu-1 pH 10.1 units!"	Marsch led by same inet 3 M O 2 3 E 3 J		0025376 0025376 000 (mg/l) 110% or 0.1 mg/l	ORP (mV) 110 mV) 173.0 174.5 96.6 \$6.2 76.7 68.0
Time /0:53 /1:00 //:50 //:50 //:55 /2:00 /2:05 /2:15 /2:20	Water Removed to Well Go Dry? Water Quality Pump Rate (Umin.) 100ml 100ml 100ml 100ml 100ml 100ml 100ml	Z.6090 Y N Meter Type(s) / Total . Gallons Removed Q.08 Q.26 Q.79 /.32 /.59 /.72 /.99 2.12 2.25 2.38	Senai Numbers Water Level (ft TIC) 6.71 6.72 6.73 6.73 6.73 6.73 6.73 6.73 6.73	Temp. (Celsius) (3%):	Pump Type * Samples collect MP J - C 60 P Tu-1 pH 10.1 units!*	Marsch Ish O235 Ish O235		N - ON L N (spe DO (mg/l) 1:0% or 0:1 mg/l	ORP (mV) 110 mV) 173.0 174.5 96.6 \$6. c 76.7 68.0 63.7
Time 10:53 11:00 11:40 11:50 11:55 12:10 12:15 12:15 12:20 12:25	Water Removed to Well Go Dry? Water Quality Pump Rate (Umin.) 100ml	Z.6090 Y N Meter Type(s) / Total . Gallons Removed Q.08 0.26 Q.79 /.32 /.59 /.72 /.85 /.99 2.12 2.25 2.38 2.51	Senal Numbers Water Level (ft TIC) 6.71 6.72 6.73 6.73 6.73 6.73 6.73 6.73 6.73	Temp. (Celsius) (3%)* 21.81 21.60 21.57 21.66 21.76 21.76 21.80 21.95	Pump Type " Samples collect MPJ - C 60 P Tu-1 pH 10.1 units!"	Marsch Ish O235 Ish O235		N - ON L N (specific property of the state	ORP (mV) 110 mV) 173.0 174.5 96.6 \$6.2 76.7 68.0
Time /0:53 /1:00 //:50 //:50 //:50 //:50 //:55 /2:00 /2:05 /2:05 /2:00 /2:05	Water Removed to Well Go Dry? Water Quality Pump Rate (Umin.) 100ml	Z.6090 Y N Meter Type(s) / Total . Gallons Removed Q.08 0.26 Q.79 /.32 /.59 /.72 /.85 /.99 2.12 2.25 2.38 2.51	Senal Numbers Water Level (ft TIC) 6.71 6.72 6.73 6.73 6.73 6.73 6.73 6.73 6.73	Temp. (Celsius) (3%)* 21.81 21.60 21.57 21.66 21.76 21.76 21.80 21.95	Pump Type " Samples collect MPJ - C 60 P Tu-1 pH 10.1 units!"	Marsch Ish O235 Ish O235		N - ON L N (specific property of the state	ORP (mV) 110 mV) 173.0 174.5 96.6 \$6. c 76.7 68.0 63.7
Time /0:53 //:00 //:50 //:50 //:50 //:50 //:55 /2:00 /2:05 /2:05 /2:05	Water Removed to Well Go Dry? Water Quality Pump Rate (Limin.) 100ml	2.60 g Y N Meter Type(s) / Total . Gallons Removed 0.08 0.26 0.79 /.32 /.59 /.72 /.72 /.99 2.12 2.38 2.51 ach field parame METHOD DEVI	Water Level (RTIC) 6.71 6.72 6.73 6.73 6.73 6.73 6.73 6.73 6.73 6.73	Temp. (Celsius) (3%)	Pump Type * Samples collected at 3- to	Marsch Ish O235 Ish O235		N - ON L N (specific property of the state	ORP (mV) 110 mV) 173.0 174.5 96.6 \$6. c 76.7 68.0 63.7
Time /0:53 //:00 //:50 //:50 //:50 //:50 //:55 /2:00 /2:05 /2:05 /2:05	Water Removed to Well Go Dry? Water Quality Pump Rate (Limin.) 100ml	2.60 g Y N Meter Type(s) / Total . Gallons Removed 0.08 0.26 0.79 /.32 /.59 /.72 /.72 /.99 2.12 2.38 2.51 ach field parame METHOD DEVI	Water Level (RTIC) 6.71 6.72 6.73 6.73 6.73 6.73 6.73 6.73 6.73 6.73	Temp. (Celsius) (3%)	Pump Type * Samples collected at 3- to	Marsch Ish O235 Ish O235		N - ON L N (specific property of the state	ORP (mV) 110 mV) 173.0 174.5 96.6 \$6. c 76.7 68.0 63.7
Time /0:53 /1:00 //:30 //:50 //:50 //:50 //:55 /2:00 /2:05 /2:05 /2:05	Water Removed to Well Go Dry? Water Quality Pump Rate (Limin.) 100ml	2.60 g Y N Meter Type(s) / Total . Gallons Removed 0.08 0.26 0.79 /.32 /.59 /.72 /.72 /.99 2.12 2.38 2.51 ach field parame METHOD DEVI	Water Level (RTIC) 6.71 6.72 6.73 6.73 6.73 6.73 6.73 6.73 6.73 6.73	Temp. (Celsius) (3%)	Pump Type * Samples collected at 3- to	Marsch Ish O235 Ish O235		N - ON L N (specific property of the state	ORP (mV) 110 mV) 173.0 174.5 96.6 \$6. c 76.7 68.0 63.7
Time 10:53 //:00 //:50 //:50 //:50 //:55 /2:00 /2:05 /2:05 /2:25 The stabilizationserryAtio	Water Removed to Well Go Dry? Water Quality Pump Rate (Umin.) /00ml	2.60 g Y N Meter Type(s) / Total . Gallons Removed 0.08 0.26 0.79 /.32 /.59 /.72 /.72 /.99 2.12 2.38 2.51 ach field parame METHOD DEVI	Water Level (RTIC) 6.71 6.72 6.73 6.73 6.73 6.73 6.73 6.73 6.73 6.73	Temp. (Celsius) (3%)	Pump Type * Samples collected at 3- to	Marsch Ish O235 Ish O235		N - ON L N (specific property of the state	ORP (mV) 110 mV) 173.0 174.5 96.6 \$6. c 76.7 68.0 63.7
Time 10:53 //:00 //:50 //:50 //:50 //:55 /2:00 /2:05 /2:05 /2:25 The stabilizationserryAtio	Water Removed to Well Go Dry? Water Quality Pump Rate (Limin.) 100ml	2.60 g Y N Meter Type(s) / Total . Gallons Removed 0.08 0.26 0.79 /.32 /.59 /.72 /.72 /.99 2.12 2.38 2.51 ach field parame METHOD DEVI	Water Level (RTIC) 6.71 6.72 6.73 6.73 6.73 6.73 6.73 6.73 6.73 6.73	Temp. (Celsius) (3%)	Pump Type * Samples collected at 3- to	Marsch Ish O235 Ish O235		N - ON L N (specific property of the state	ORP (mV) 110 mV) 173.0 174.5 96.6 \$6. c 76.7 68.0 63.7
Time 10:53 11:00 11:40 11:50 11:50 12:05 12:10 12:15 12:20 12:25 The stabilization The stabilization The stabilization The stabilization The stabilization	Water Removed to Well Go Dry? Water Quality Pump Rate (L/min.) 100ml	2.60 g Y N Meter Type(s) / Total . Gallons Removed 0.08 0.26 0.79 /.32 /.59 /.72 /.72 /.99 2.12 2.38 2.51 ach field parame METHOD DEVI	Water Level (RTIC) 6.71 6.72 6.73 6.73 6.73 6.73 6.73 6.73 6.73 6.73	Temp. (Celsius) (3%)	Pump Type * Samples collected at 3- to	Marsch Ish O235 Ish O235		N - ON L N (specific property of the state	ORP (mV) 110 mV) 173.0 174.5 96.6 \$6. c 76.7 68.0 63.7
Time 10:53 11:00 11:40 11:50 11:50 12:05 12:05 12:15 12:20 12:25 The stabilizat OBSERVATIO 7:51 The stabilizat OBSERVATIO Total	Water Removed at Well Go Dry? Water Quality Pump Rate (L/min.) 100ml	Z. 60 90 Y N Meter Type(s) / Total - Gallons Removed O. 08 O. 26 O. 29 /- 32	Water Level (RTIC) 6.71 6.72 6.73 6.73 6.73 6.73 6.73 6.73 6.73 6.73	Temp. (Celsius) (3%)	Pump Type * Samples collected at 3- to	Marsch Ish O235 Ish O235	Ik -System had as evacuation of AC OCOCO (NTU) (NTU) (10% 511 NTU) Y9 (37 Y8) 23 (2 Y Y8) 23 (2 Y Y8) 3 (2 Y Y8) 3 (2 Y Y8) 3 (2 Y Y8) (3 Y Y8) (4 Y Y8) (5 Y Y8) (6 Y Y8) (7 Y8)	9.90 6.57 6.36 5.93 5.94 5.94 5.60 6.00umn heading	ORP (mV) 110 mV
Time JO: 53 JI: 00 J/: 20 J/: 50 J/: 50	Water Removed at Well Go Dry? Water Quality Pump Rate (L/min.) 100ml	Z. 60 9 6 Y N N N N N N N N N N N N N N N N N N	Water Level (RTIC) 6.71 6.72 6.73 6.73 6.73 6.73 6.73 6.73 6.73 6.73	Temp. (Celsius) (3%)	Pump Type * Samples collected at 3- to	Marsch Ish O235 Ish O235	Ik -System had as evacuation of AC OCOCO (NTU) (NTU) (10% 511 NTU) Y9 (37 Y8) 23 (2 Y Y8) 23 (2 Y Y8) 3 (2 Y Y8) 3 (2 Y Y8) 3 (2 Y Y8) (3 Y Y8) (4 Y Y8) (5 Y Y8) (6 Y Y8) (7 Y8)	9.90 6.57 6.36 5.93 5.94 5.94 5.60 6.00umn heading	ORP (mV) 110 mV
Time /0:53 //:00 //:50 //:50 //:50 //:50 //:55 /2:00 /2:05 /2:05 /2:05 /2:05 /2:05 The stabilizationservation SAMPLE DES Laboratory Delivered Via	Water Removed at Well Go Dry? Water Quality Pump Rate (Limin.) 100ml	Z. 60 9 6 Y N Meter Type(s) / Totzi . Gallons Removed 0.08 0.26 0.79 /.32 /.59 /.72 /.72 /.72 /.72 /.99 2.12 2.38 Z.51 ach field parame METHOD DEVI	Water Level (RTIC) 6.71 6.72 6.73 6.73 6.73 6.73 6.73 6.73 6.73 6.73	Temp. (Celsius) (3%)	Pump Type " Samples collect MPJ - C DO P Tu- PH 10.1 units!"	Marsch Is M O 2 3 5 Is M O 2 3 5 Sp. Cond (m3/cm) [3%]* 0.548 0.547 0.549 0.549 0.549 0.549 0.549 0.549 5-minute interva	Ik -System had as evacuation of AC OCOCO (NTU) (NTU) (10% 511 NTU) Y9 (37 Y8) 23 (2 Y Y8) 23 (2 Y Y8) 3 (2 Y Y8) 3 (2 Y Y8) 3 (2 Y Y8) (3 Y Y8) (4 Y Y8) (5 Y Y8) (6 Y Y8) (7 Y8)	9.90 6.57 6.36 5.93 5.94 5.94 5.60 6.00umn heading	ORP (mV) 110 mV
Time /0:53 /1:00 //:50 //:50 //:50 //:50 //:55 /2:00 /2:05 /2:05 /2:05 /2:05 /2:05 /2:05 /2:05 The stabilizationservation The stabilization SAMPLE DES Laboratory Delivered Via	Water Removed at Well Go Dry? Water Quality Pump Rate (L/min.) 100ml	Z. 60 9 6 Y N Meter Type(s) / Totzi . Gallons Removed 0.08 0.26 0.79 /.32 /.59 /.72 /.72 /.72 /.72 /.99 2.12 2.38 Z.51 ach field parame METHOD DEVI	Water Level (RTIC) 6.71 6.72 6.73 6.73 6.73 6.73 6.73 6.73 6.73 6.73	Temp. (Celsius) (3%)	Pump Type " Samples collect MPJ - C DO P Tu- PH 10.1 units!"	Marsch Ish O235 Ish O235	Ik -System had as evacuation of AC OCOCO (NTU) (NTU) (10% 511 NTU) Y9 (37 Y8) 23 (2 Y Y8) 23 (2 Y Y8) 3 (2 Y Y8) 3 (2 Y Y8) 3 (2 Y Y8) (3 Y Y8) (4 Y Y8) (5 Y Y8) (6 Y Y8) (7 Y8)	N - ON L N (spectrum of the spectrum of the s	ORP (mV) 110 mV

Well No.	GMA3	5-5		Site	e/GMA Name	6	MA-3		
Key No.		_		Sampli	ng Personnel	JHP. 1	MAH		
PID Back	(ground (ppm)				Date	10/7/	04 /		
Well Hea	idspace (ppm)				Weather	Jun	<u>41 50's ('</u>	F)	
						,	ر	7 1-	- 1
WELL INFORM	TATION	\sim					Sample Time	<u>(• M H3.</u>	50
Reference	Point Marked?	(N K)		0 : -/			Sample ID	1152	
Height of I	Reference Point		Meas. From	665			Duplicate ID	DULY-2	-
	Well Diameter			Doo			MS/MSD		
	n Interval Depth		Meas. From	<u> </u>			Split Sample ID		
Wa	ter Table Depth		Meas. From	<u> </u>		Paguirad	Applytical	Paramotom:	Collected
l anoth a	•	15.56	Meas. From			Required	·	Parameters: (Std. list)	(X)
_	f Water Column of Water in Well					(X) ()	•	(Std. fist) (Exp. list)	()
	of Pump/Tubing	1 ~ /	Meas. From	TIC		•		OCs	(X)
ппаке Берит	or rump/rubing		141643. 1 10111			(X)		(Total)	$(\mathbf{\hat{x}})$
Pafaranca Pair	nt Identification:					· () () ()		Dissolved)	(₹)
	ner (PVC) Casing							ganics (Total)	(~)
	outer (Protective)					(3)		nics (Dissolved)	$(\mathbf{\hat{X}})$
Grade/BGS: G	` '	Casing				- } ◇ ∫		s/PCDFs	
Grade/BGS. G	ilouna Sanace					- } ◇ ;		s/Herbicides	(×)
Redevelop?	~ (3)					12/11	· 3	Attenuation	()
Redevelop:						(\mathbf{X})		(Specify) Cylanic	<i>ن</i> ر (🗙 أ
EVACUATION	INFORMATION						0.000	17+	6)
	ump Start Time	950				(X)	~-	more	(\mathbf{X})
	ump Stop Time	1432			Evacuation Me	thod: Bailer () Bladder F	Pump (X)	
	tes of Pumping	258			Peristaltic Pum	-	bmersible Pump (/\	ecify ()
	Vater Removed	7.60 as	al		Pump Type:		aik suste		332032_
	d Well Go Dry?	V N					thod as evacuation		
Ů.	0 110h 00 Dij.								
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	Water Quality M	leter Type(s) / Se	erial Numbers:		56 MPS	S CZC	0392		···
	Water Quality M	····		HACH '	56 Mfs furbida	eyer o	0392 21000	028329	
	Pump	Total	Water	HACH Temp.	·	Sp. Cond.	0392_ 0 2 10 00 Turbidity	0028329	× ORP
Time	Pump Rate	Total Gallons	Water Level	Temp. (Celsius)	SE MPS lubida	S CZC Sp. Cond. (mS/cm)	0392 0 2 1 0 00 Turbidity (NTU)	00 7 8329 DO (mg/l)	ORP (mV)
	Pump Rate	Total	Water Level (ft TIC)	HACH Temp.	56 Mfs furbida	Sp. Cond.	C392_ 3 2 1 C CC Turbidity (NTU) [10% or 1 NTU]*	00 Z 8329 DO (mg/l)	× ORP
	Pump Rate	Total Gallons Removed	Water Level	Temp. (Celsius) [3%]*	56 MfS ubid n pH [0.1 units]*	C 3 C C C C C C C C C	C392_ 7 2 1 C CC Turbidity (NTU) [10% or 1 NTU]*	00 28329 D0 (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
Time 954	Pump Rate (m)/min.) 50	Total Gallons Removed	Water Level (ft TIC) 7.85	Temp. (Celsius) [3%]*	56 M f 5 lubid n pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	C392 Turbidity (NTU) [10% or 1 NTU]* 2(c 21	00 2 8329 D0 (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
	Pump Rate (Mimin.) 50 125	Total Gallons Removed 0.5016 C.6003	Water Level (ft TIC)	HACH Temp. (Celsius) [3%]* 15.20	56 MfS ubid n pH [0.1 units]*	C 3 C C C C C C C C C	C392_ 7 2 1 C CC Turbidity (NTU) [10% or 1 NTU]* 2(c 21 20	00 28329 D0 (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]* 134.5
Time 454 1-959 1042 1047	Pump Rate (Mimin.) 50 125 75	Total Gallons Removed 0.5016 0.6008 0.7331	Water Level (ft TIC) 7.85 7.85 7.85	HACH Temp. (Celsius) [3%]* 	56 M f s pH [0.1 units]* 	Sp. Cond. (ms/cm) [3%]* C.512 C.513 O.518	0392 7 2 1 C CC Turbidity (NTU) [10% or 1 NTU]* 2 (c 2 1 2 0 20	DO 28329 DO (mg/l) [10% or 0.1 mg/l]* 3.09 1.59	ORP (mV) [10 mV]* ————————————————————————————————————
Time 954	Pump Rate (M/min.) 50 12.5 7.5 100 7.5	Total Gallons Removed 0.5016 0.6008 0.7331 0.8323	Water Level (ft TIC) 7.85 7.85 7.85	HACH Temp. (Celsius) [3%]* 15.20 15.74 16.08 Kc.30	[0.1 units]* [0.20 [6.37 [6.42 [6.59]	SCC Sp. Cond. (mS/cm) [3%]* 	C392_ 7 2 1 C CC Turbidity (NTU) [10% or 1 NTU]* 2(c 21 20	00 28329 DO (mg/l) (10% or 0.1 mg/l) 3.09 1.59	ORP (mV) [10 mV]*
Time 454 1 959 1042 1047 1052 1057	Pump Rate (M/min.) 50 12.5 7.5 100 7.5	Total Gallons Removed 0.5016 0.6008 0.7331 0.8323 1.0307	Water Level (ft TIC) 7.85 7.85 7.85 7.85	HACH Temp. (Celsius) [3%]* 15.20 15,74 16.08 Kc.30 16.51	[0.1 units]* [0.20 [6.20 [6.42 [6.47]	SCC Sp. Cond. (mS/cm) [3%]* 	0392 7 2 1 C CC Turbidity (NTU) [10% or 1 NTU]* 2 (c 2 1 2 0 20	00 28329 DO (mg/l) [10% or 0.1 mg/l]* 	ORP (mV) [10 mV]*
Time 954 1 959 1042 1047 1052 10 57 1102	Pump Rate (M/min.) 50 12.5 7.5 100 7.5	Total Gallons Removed 0.5016 0.6008 0.7331 0.8323 1.0307 1.1960	Water Level (ft TIC) 7.85 7.85 7.85 7.86 7.88	HACH Temp. (Celsius) [3%]* 15.20 15.74 16.08 Ke.30 16.54	[0.1 units]* [0.2 C 6.37 6.42 6.59 6.47	SCC (sp. Cond. (ms/cm) [3%]* 	0392 7 2 1 C CC Turbidity (NTU) [10% or 1 NTU]* 2 (c 2 1 2 0 20	00 28329 DO (mg/l) [10% or 0.1 mg/l]* 3.09 1.59 1.31 1.10 0.83 0.49	ORP (mV) [10 mV]* 13.4.5 115.1 119.0 102.1 100.9
Time 454 1 959 1042 1047 1052 1057	Pump Rate (nd/min.) 50 125 75 100 75 150 125	Total Gallons Removed 0.5016 0.6008 0.7331 0.8323 1.0307 1.1960 1.3283	Water Level (ft TIC) 7.85 7.85 7.85 7.88 7.87	HACH Temp. (Celsius) [3%]* 15.20 15.74 10.03 Ke.30 16.51 16.54 16.58	[0.1 units]* [0.20 [6.20 [6.42 [6.47]	S C 3 C exter (1)	0392 Turbidity (NTU) [10% or 1 NTU]* 21c 21 20 20 18 17 15	0.0 28329 DO (mg/l) [10% or 0.1 mg/l]* 3.09 1.59 1.31 1.10 6.83 C.49 C.49	ORP (mV) [10 mV]* 134.5 115.1 114.0 102.1 100.9 99.6
Time 954 1 959 1042 1047 1052 10 57 1102	Pump Rate (M/min.) 50 12.5 7.5 100 7.5	Total Gallons Removed 0.5016 0.6008 0.7331 0.8323 1.0307 1.1960	Water Level (ft TIC) 7.85 7.85 7.85 7.85 7.88 7.88 7.88	HACH Temp. (Celsius) [3%]* 15.20 15.74 16.08 Ke.30 16.51 16.54 16.58	[0.1 units]* [0.1 units]* [0.20 [6.37] [6.42 [6.59 [6.47] [6.47] [6.47]	S C3C Sp. Cond. (mS/cm) [3%]* 	0392 7 2 1 C CC Turbidity (NTU) [10% or 1 NTU]* 2 (c 2 1 2 0 20	00 28329 DO (mg/l) [10% or 0.1 mg/l]* 3.09 1.59 1.31 1.10 0.83 0.49 0.49 0.44	ORP (mV) [10 mV]* 13.4.5 115.1 114.0 102.1 100.9 99.0
Time 954 1 959 1042 1047 1052 10 57 1102	Pump Rate (nd/min.) 50 12.5 75 100 75 150 125 100 100	Total Gallons Removed 0.5016 0.6008 0.7331 0.8323 1.0307 1.1960 1.3283 1.4606	Water Level (ft TIC) 7.85 7.85 7.85 7.85 7.88 7.88 7.88 7.88	HACH Temp. (Celsius) [3%]* 15.20 15.74 16.08 Kc.30 IC.51 16.54 IC.58 IC.58 IC.59	[0.1 units]* [0.1 units]* [0.20 [6.37 [6.42 [6.47 [6.47 [6.47 [6.44]	S C3C Sp. Cond. (mS/cm) [3%]* C.512 C.513 O.518 C.519 O.522 C.523 O.524 C.534 C.538	0392 Turbidity (NTU) [10% or 1 NTU]* 21c 21 20 20 18 17 15	0.0 28329 DO (mg/l) [10% or 0.1 mg/l] 3.09 1.59 1.31 1.10 6.83 C.49 C.49 C.49 C.5/	ORP (mV) [10 mV]*
Time 954 1 959 1042 1047 1052 10 57 1102	Pump Rate (n)min.) 50 125 75 100 75 150 125	Total Gallons Removed 0.5016 0.6008 0.7331 0.8323 1.0307 1.1960 1.3283	Water Level (ff TIC) 7.85 7.85 7.85 7.85 7.88 7.88 7.88 7.88	HACH Temp. (Celsius) [3%]* 15.20 15.74 16.08 Kc.30 16.51 16.54 16.58 16.58 16.59	[0.1 units]* [0.1 units]* [0.20 [6.37] [6.42 [6.59 [6.47] [6.47] [6.47]	S C C C Sp. Cond. (mS/cm) [3%]* C -512 C -513 O -518 C -519 O -522 O -523 O -534 C -534 C -534 C -534	0392 Turbidity (NTU) [10% or 1 NTU]* 21c 21 20 20 18 17 15	0.0 28329 DO (mg/l) [10% or 0.1 mg/l]* 3.09 1.59 1.31 1.10 6.83 0.49 0.64 0.55/ 0.50 0.48	ORP (mV) [10 mV]*
Time 954 1 959 1042 1052 1057 1102 1107 1112 1117 1122 1127	Pump Rate (nd/min.) 50 12.5 75 100 75 150 125 100 100	Total Gallons Removed 0.5016 0.6008 0.7331 0.8323 1.0307 1.1960 1.3283 1.4606 1.5929 1.7252 1.8575	Water Level (ft TIC) 7.85 7.85 7.85 7.85 7.88 7.88 7.88 7.87 7.88	HACH Temp. (Celsius) [3%]* 15.20 15.74 16.08 Kc.30 IC.51 IC.54 IC.58 IC.58 IC.59 IC.61	[0.1 units]* [0.1 units]* [0.20 [6.37 [6.42 [6.47 [6.47 [6.47 [6.44 [6.44 [6.44 [6.44 [6.44 [6.44	S C3C Sp. Cond. (mS/cm) [3%]* 	C392_ Turbidity (NTU) [10% or 1 NTU]* 2(c 2(l 20 20 18 17 15 12	0.0 28329 1 DO (mg/l) [10% or 0.1 mg/l]* 3.09 1.59 1.31 1.10 6.83 0.49 0.64 0.55 0.50 0.49 0.49	ORP (mV) [10 mV]*
Time 954 1 959 1047 1052 1057 1102 1107 1112 1117 1122 1127 The stabilization	Pump Rate (nd/min.) 50 125 75 100 75 150 125 100 100 100 100 100 100 100 100	Total Gallons Removed 0.5016 0.6008 0.7331 0.8323 1.0307 1.1960 1.3283 1.4606 1.5929 1.7252 1.8575 ach field parameter	Water Level (ff TIC) 7.85 7.85 7.85 7.85 7.88 7.88 7.88 7.88	HACH Temp. (Celsius) [3%]* 15.20 15.74 16.08 Ke.30 16.51 16.54 16.58 16.59 16.61 cutive readings	[0.1 units]* [0.1 units]* [0.20 [6.37] [6.42 [6.47] [6.47] [6.47] [6.47] [6.44] [6.44] [6.44] [6.44] [6.44] [6.44] [6.44] [6.44] [6.44] [6.44] [6.44] [6.44] [6.44]	S C 3 C Sp. Cond. (mS/cm) [3%]* C .512 C .513 O .518 C .519 O .522 C .523 O .524 C .534 C .538 C .544 C	C392	0.0 28329 DO (mg/l) [10% or 0.1 mg/l]* 3.09 1.59 1.31 1.10 0.83 0.49 0.64 0.50 0.50 0.90 0.49	ORP (mV) [10 mV]* 134.5 115.1 114.6 102.1 100.9 99.6 102.1 99.2 92.1 77.2 70.7
Time 954 1 959 1047 1052 1057 1102 1107 1112 1117 1122 1127 The stabilization	Pump Rate (nd/min.) 50 125 75 100 75 150 125 100 100 100 100 100 100 100 100	Total Gallons Removed 0.5016 0.6008 0.7331 0.8323 1.0307 1.1960 1.3283 1.4606 1.5929 1.7252 1.8575	Water Level (ff TIC) 7.85 7.85 7.85 7.85 7.88 7.88 7.88 7.88	HACH Temp. (Celsius) [3%]* 15.20 15.74 16.08 Ke.30 16.51 16.54 16.58 16.59 16.61 cutive readings	[0.1 units]* [0.1 units]* [0.20 [6.37] [6.42 [6.47] [6.47] [6.47] [6.47] [6.44] [6.44] [6.44] [6.44] [6.44] [6.44] [6.44] [6.44] [6.44] [6.44] [6.44] [6.44] [6.44]	S C 3 C Sp. Cond. (mS/cm) [3%]* C . 512 C . 513 O . 518 C . 519 C . 522 C . 523 O . 534 C . 546 C .	C392	0.0 28329 DO (mg/l) (10% or 0.1 mg/l)	ORP (mV) [10 mV]* 134.5 115.1 114.0 102.1 100.9 99.6 102.1 99.2 92.1 77.2 70.7
Time 954 1 959 1047 1052 1057 1102 1107 1112 1117 1122 1127 The stabilization	Pump Rate (nd/min.) 50 125 75 100 75 150 125 100 100 100 100 100 100 100 100	Total Gallons Removed 0.5016 0.6008 0.7331 0.8323 1.0307 1.1960 1.3283 1.4606 1.5929 1.7252 1.8575 ach field parameter	Water Level (ff TIC) 7.85 7.85 7.85 7.85 7.88 7.88 7.88 7.88	HACH Temp. (Celsius) [3%]* 15.20 15.74 16.08 Ke.30 16.51 16.54 16.58 16.59 16.61 cutive readings	[0.1 units]* [0.1 units]* [0.20 [6.37] [6.42 [6.47] [6.47] [6.47] [6.47] [6.44] [6.44] [6.44] [6.44] [6.44] [6.44] [6.44] [6.44] [6.44] [6.44] [6.44] [6.44] [6.44]	S C 3 C Sp. Cond. (mS/cm) [3%]* C . 512 C . 513 O . 518 C . 519 C . 522 C . 523 O . 534 C . 546 C .	C392	0.0 28329 DO (mg/l) (10% or 0.1 mg/l)	ORP (mV) [10 mV]* 134.5 115.1 114.0 102.1 100.9 99.6 102.1 99.2 92.1 77.2 70.7
Time 954 1959 1042 1047 1052 10 57 1102 1107 1112 1112 1127 The stabilizat	Pump Rate (Mimin.) 50 125 75 100 75 150 125 100 100 100 100 100 100 100 100 100 10	Total Gallons Removed 0.5016 0.6008 0.7331 0.8323 1.0207 1.3283 1.4606 1.5929 1.7252 1.8575 ach field parameter METHOD DEVIA	Water Level (ff TIC) 7.85 7.85 7.85 7.85 7.88 7.88 7.88 7.87 7.88 7.87 ter (three conse	Temp. (Celsius) [3%]* 15.20 15.74 16.08 Ka.30 16.51 16.54 16.58 16.58 16.59 16.61 cutive readings Initia	SG M S Which we have been possible to the possible to th	S C 3 C Sp. Cond. (mS/cm) [3%]* 	C392 Turbidity (NTU) [10% or 1 NTU]* 2 (c 2 1 2 0 2 0 18 17 15 17 15 19 4 (als) is listed in each of the colory o	0.0 28329 DO (mg/l) [10% or 0.1 mg/l] 3.09 1.59 1.31 1.10 0.83 0.49 0.66 0.55 0.49 0.49 ch column heading. 55	ORP (mV) [10 mV]* 134.5 115.1 114.0 102.1 100.9 99.0 102.1 99.2 92.1 77.2 70.7
Time 954 1959 1042 1047 1052 10 57 1102 1107 1112 1127 1112 1127 The stabilizat OBSERVATIO	Pump Rate (Mimin.) 50 125 75 100 75 150 125 100 100 100 100 ion criteria for e: NS/SAMPLING	Total Gallons Removed 0.5016 C.6008 0.7331 0.8323 1.0307 1.1960 1.3283 1.4606 1.5979 1.7252 1.8575 ach field parame METHOD DEVIA	Water Level (ft TIC) 7.85 7.85 7.85 7.85 7.88 7.88 7.88 7.88	Temp. (Celsius) [3%]* 15.20 15.74 16.08 Ke.30 16.51 16.54 16.58 16.58 16.59 16.61 cutive readings Truitia	SG M S Which we have been possible to the possible to th	S C 3 C Sp. Cond. (mS/cm) [3%]* 	C392 Turbidity (NTU) [10% or 1 NTU]* 2 (c 2 1 2 0 2 0 18 17 15 17 15 19 4 (als) is listed in each of the colory o	0.0 28329 DO (mg/l) (10% or 0.1 mg/l)	ORP (mV) [10 mV]* 134.5 115.1 114.0 102.1 100.9 99.0 102.1 99.2 92.1 77.2 70.7
Time 454 1 959 1042 1047 1052 10 57 1102 1107 1112 1117 1122 1127 The stabilization	Pump Rate (Mimin.) 50 125 75 100 75 150 125 100 100 100 100 100 100 100 100 100 10	Total Gallons Removed 0.5016 0.6008 0.7331 0.8323 1.0207 1.3283 1.4606 1.5929 1.7252 1.8575 ach field parameter METHOD DEVIA	Water Level (ft TIC) 7.85 7.85 7.85 7.85 7.88 7.88 7.88 7.88	Temp. (Celsius) [3%]* 15.20 15.74 16.08 Ke.30 16.51 16.54 16.58 16.58 16.59 16.61 cutive readings Truitia	SG M S Which we have been possible to the possible to th	S C 3 C Sp. Cond. (mS/cm) [3%]* C . 512 C . 513 O . 518 C . 519 C . 522 C . 523 O . 534 C . 546 C .	C392 Turbidity (NTU) [10% or 1 NTU]* 2 (c 2 1 2 0 2 0 18 17 15 17 15 19 4 (als) is listed in each of the colory o	0.0 28329 DO (mg/l) [10% or 0.1 mg/l] 3.09 1.59 1.31 1.10 0.83 0.49 0.66 0.55 0.49 0.49 ch column heading. 55	ORP (mV) [10 mV]* 134.5 115.1 114.0 102.1 100.9 99.0 102.1 99.2 92.1 77.2 70.7
Time 454 1959 1042 1047 1052 10 57 1102 1107 1112 1117 1112 1112 1127 The stabilizat OBSERVATIO	Pump Rate (Mimin.) 50 125 75 100 75 150 125 100 100 100 100 100 100 100 100 100 10	Total Gallons Removed 0.5016 C.6008 0.7331 0.8323 1.0307 1.1960 1.3283 1.4606 1.5979 1.7252 1.8575 ach field parame METHOD DEVIA	Water Level (ft TIC) 7.85 7.85 7.85 7.85 7.88 7.88 7.88 7.88	Temp. (Celsius) [3%]* 15.20 15.74 16.08 Ke.30 16.51 16.54 16.58 16.58 16.59 16.61 cutive readings Truitia	SG M S Which we have been possible to the possible to th	S C 3 C Sp. Cond. (mS/cm) [3%]* 	2392 7 1 C CC Turbidity (NTU) [10% or 1 NTU]* 2 (c 2 2 0 2 0 18 17 15 12 9 (als) is listed in each	00 28329 DO (mg/l) [10% or 0.1 mg/l] 3.09 1.59 1.31 1.10 0.83 0.49 0.49 0.49 0.55 0.48 0.49 ch column heading. (S) C C C C C C C C C C C C C C C C C C C	ORP (mV) [10 mV] 134.5 115.1 114.0 102.1 100.9 99.0 102.1 99.2 92.1 77.2 70.7
Time 454 1959 1042 1047 1052 10 57 1102 1107 1112 1117 1122 1127 The stabilization OBSERVATIO Had to C24 C SAMPLE DES Laboratory	Pump Rate (Mimin.) 50 125 75 100 75 150 125 160 175 170 170 170 170 170 170 170 170 170 170	Total Gallons Removed 0.5016 C.6008 0.7331 0.8323 1.0307 1.1960 1.3283 1.4606 1.5979 1.7252 1.8575 ach field parame METHOD DEVIA	Water Level (ft TIC) 7.85 7.85 7.85 7.85 7.88 7.88 7.88 7.88	Temp. (Celsius) [3%]* 15.20 15.74 16.08 Ke.30 16.51 16.54 16.58 16.58 16.59 16.61 cutive readings Truitia	SG M S Which we have been possible to the possible to th	S C 3 C Sp. Cond. (mS/cm) [3%]* 	2392 7 1 C CC Turbidity (NTU) [10% or 1 NTU]* 2 (c 2 2 0 2 0 18 17 15 12 9 (als) is listed in each	00 28329 DO (mg/l) [10% or 0.1 mg/l] 3.09 1.59 1.31 1.10 0.83 0.49 0.49 0.49 0.55 0.48 0.49 ch column heading. (S) C C C C C C C C C C C C C C C C C C C	ORP (mV) [10 mV] 134.5 115.1 114.0 102.1 100.9 99.0 102.1 99.2 92.1 77.2 70.7
Time 954 1959 1047 1052 1057 1102 1107 1112 1117 1112 1127 The stabilizat OBSERVATIO SAMPLE DES Laboratory Delivered Via	Pump Rate (Mimin.) 50 125 75 100 75 150 125 100 100 100 100 100 100 100 100 100 10	Total Gallons Removed 0.5016 C.6008 0.7331 0.8323 1.0307 1.1960 1.3283 1.4606 1.5979 1.7252 1.8575 ach field parame METHOD DEVIA	Water Level (ft TIC) 7.85 7.85 7.85 7.85 7.88 7.88 7.88 7.88	Temp. (Celsius) [3%]* 15.20 15.74 16.08 Ke.30 16.51 16.54 16.58 16.59 16.61 cutive readings Initia	SG M S W D M S M S M S M S M S M S M M	C C C C C C C C C C	2392 7 1 C CC Turbidity (NTU) [10% or 1 NTU]* 2 (c 2 2 0 2 0 18 17 15 12 9 (als) is listed in each	00 28329 DO (mg/l) [10% or 0.1 mg/l] 3.09 1.59 1.31 1.10 0.83 0.49 0.49 0.49 0.55 0.48 0.49 ch column heading. (S) C C C C C C C C C C C C C C C C C C C	ORP (mV) [10 mV] 134.5 115.1 114.0 102.1 100.9 99.0 102.1 99.2 92.1 77.2 70.7
Time 954 1959 1047 1052 1057 1102 1112 1117 1112 1112 1127 The stabilizat OBSERVATIO SAMPLE DES Laboratory Delivered Via	Pump Rate (Mimin.) 50 125 75 100 75 150 125 160 175 170 170 170 170 170 170 170 170 170 170	Total Gallons Removed 0.5016 C.6008 0.7331 0.8323 1.0307 1.1960 1.3283 1.4606 1.5979 1.7252 1.8575 ach field parame METHOD DEVIA	Water Level (ft TIC) 7.85 7.85 7.85 7.85 7.88 7.88 7.88 7.88	Temp. (Celsius) [3%]* 15.20 15.74 16.08 Ke.30 16.51 16.54 16.58 16.59 16.61 cutive readings Initia	SG M S W D M S M S M S M S M S M S M M	S C 3 C Sp. Cond. (mS/cm) [3%]* 	2392 7 1 C CC Turbidity (NTU) [10% or 1 NTU]* 2 (c 2 2 0 2 0 18 17 15 12 9 (als) is listed in each	0.0 28329 DO (mg/l) [10% or 0.1 mg/l] 3.09 1.59 1.31 1.10 0.83 0.49 0.66 0.55 0.49 0.49 ch column heading. 55	ORP (mV) [10 mV] 134.5 115.1 114.0 102.1 100.9 99.0 102.1 99.2 92.1 77.2 70.7

Well No.	(~M)	13-5		Site	/GMA Name	(-7N A	; ~3		
Key No.					g Personnel	TAP.	marl		
•	ground (ppm)			•	Date	1017	104		
	dspace (ppm)		-		Weather	Su 41	134 50s	(°F)	
							<u> </u>	- /	
WELL INFORM	MATION						Sample Time	1152	
	Point Marked?	ΥN					Sample ID		
		. ,,	Mass From				Duplicate ID		
, loight of i							MS/MSD		
Soraa			Meas From				Split Sample ID		
			Meas From				Opin Gempic 15		
VVa						Required	Analytical	Parameters:	Collected
Length o	•					()		(Std. list)	()
-								(Exp. list)	()
			Meas. From					OCs	
ilitake Deptil	or rampriability		Wicas. From					(Total)	()
Deference Deir	at Islantification.				/	/ ` '		(10tar) Dissolved)	()
	nt Identification:	-		λ.	. /	()			()
· •	ner (PVC) Casin	_		pagi 1		()		ganics (Total)	()
•	Outer (Protective	, casing				, ,	=	nics (Dissolved) s/PCDFs	()
Grade/BGS: G	поила энтасе			30 J		()			()
D. d	V 11		0-			()		s/Herbicides Attenuation	()
Redevelop?	YN					()			()
51454471611						()	Other	(Specify)	()
	INFORMATION								
	ump Start Time						. 5,		
	ump Stop Time					thod: Bailer (•	oump ()	
	tes of Pumping				Peristaltic Pum	p() Su	bmersible Pump () Other/Spe	ecify ()
	Vater Removed				Pump Type:				
Di	d Well Go Dry?	Y N			Samples collec	ted by same me	thod as evacuation	n? Y N (specif	v)
	•								,,
/	Water Quality M	leter Type(s) / Se	erial Numbers:						
	Water Quality M	leter Type(s) / Se	erial Numbers:	/ Temp.	рН	Sp. Cond.	Turbidity	/ DO	ORP
Time		· · ·		Temp.	р Н	Sp. Cond.	Turbidity (NTU)	/ DO (mg/l)	
Time	Pump	Total	Water		pH [0.1 units]*		(NTU)	1	ORP
	Pump Rate	Total Gallons Removed	Water Level (ft TIC)	(Celsius)	•	(mS/cm) [3%]*	(NTU)	(mg/l)	ORP (mV)
1132	Pump Rate	Total Gallons Removed	Water Level (ft TIC)	(Celsius) [3%]*	[0.1 units]*	(mS/cm) [3%]* C.549	(NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 m√]*
11.32	Pump Rate (rtt_/min.)	Total Gallons Removed 1.9898 2:122	Water Level (ft TIC) 7.88	(Cetsius) [3%]* 16.59	[0.1 units]* (c.4(c (c.45	(mS/cm) [3%]*	(NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]* C.42 C.42	ORP (mV) [10 mV]* 59.0
1132 1137 1142	Pump Rate (rtL/min.)	Total Gallons Removed	Water Level (ft TIC)	(Celsius) [3%]* 16.59 16.63	[0.1 units]* 6.46 6.45 6.45	(ms/cm) [3%]* C.549 C.55/ 0.553	(NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]* C·42 C·42 C·39	ORP (mV) [10 mV]* 59.0 50.3 43.2
1132 1137 1142 1146	Pump Rate (rtL/min.)	Total Gallons Removed 1.9898 2:1221 2:2544 2:3867	Water Level (ft TIC) 7.88 7.87 7.87	(Cetsius) [3%]* 16.59 10.03 10.04	[0.1 units]* (c,4(c) (c,45) (c,45) (c,43)	(ms/cm) [3%]* C.549 C.551 C.553	(NTU) [10% or 1 NTU]* 7 3 3	(mg/l) [10% or 0.1 mg/l]* C.42 C.42 C.39 C.38	ORP (mV) [10 mV]* 59.0 50.3 43.2 38.0
1132 1137 1142	Pump Rate (rtL/min.)	Total Gallons Removed 1.9898 2:122	Water Level (ft TIC) 7.88	(Celsius) [3%]* 16.59 16.63	[0.1 units]* 6.46 6.45 6.45	(ms/cm) [3%]* C.549 C.55/ 0.553	(NTU) [10% or 1 NTU]* 4 3	(mg/l) [10% or 0.1 mg/l]* C·42 C·42 C·39	ORP (mV) [10 mV]* 59.0 50.3 43.2
1132 1137 1142 1146	Pump Rate (rtL/min.)	Total Gallons Removed 1.9898 2:1221 2:2544 2:3867	Water Level (ft TIC) 7.88 7.87 7.87	(Cetsius) [3%]* 16.59 10.03 10.04	[0.1 units]* (c,4(c) (c,45) (c,45) (c,43)	(ms/cm) [3%]* C.549 C.551 C.553	(NTU) [10% or 1 NTU]* 7 3 3	(mg/l) [10% or 0.1 mg/l]* C.42 C.42 C.39 C.38	ORP (mV) [10 mV]* 59.0 50.3 43.2 38.0
1132 1137 1142 1146	Pump Rate (rtL/min.)	Total Gallons Removed 1.9898 2:1221 2:2544 2:3867	Water Level (ft TIC) 7.88 7.87 7.87	(Cetsius) [3%]* 16.59 10.03 10.04	[0.1 units]* (c,4(c) (c,45) (c,45) (c,43)	(ms/cm) [3%]* C.549 C.551 C.553	(NTU) [10% or 1 NTU]* 7 3 3	(mg/l) [10% or 0.1 mg/l]* C.42 C.42 C.39 C.38	ORP (mV) [10 mV]* 59.0 50.3 43.2 38.0
1132 1137 1142 1146	Pump Rate (rtL/min.)	Total Gallons Removed 1.9898 2:1221 2:2544 2:3867	Water Level (ft TIC) 7.88 7.87 7.87	(Cetsius) [3%]* 16.59 10.03 10.04	[0.1 units]* (c,4(c) (c,45) (c,45) (c,43)	(ms/cm) [3%]* C.549 C.551 C.553	(NTU) [10% or 1 NTU]* 7 3 3	(mg/l) [10% or 0.1 mg/l]* C.42 C.42 C.39 C.38	ORP (mV) [10 mV]* 59.0 50.3 43.2 38.0
1132 1137 1142 1146	Pump Rate (rtL/min.)	Total Gallons Removed 1.9898 2:1221 2:2544 2:3867	Water Level (ft TIC) 7.88 7.87 7.87	(Cetsius) [3%]* 16.59 10.03 10.04	[0.1 units]* (c,4(c) (c,45) (c,45) (c,43)	(ms/cm) [3%]* C.549 C.551 C.553	(NTU) [10% or 1 NTU]* 7 3 3	(mg/l) [10% or 0.1 mg/l]* C.42 C.42 C.39 C.38	ORP (mV) [10 mV]* 59.0 50.3 43.2 38.0
1132 1137 1142 1146	Pump Rate (rtL/min.)	Total Gallons Removed 1.9898 2:1221 2:2544 2:3867	Water Level (ft TIC) 7.88 7.87 7.87	(Cetsius) [3%]* 16.59 10.03 10.04	[0.1 units]* (c,4(c) (c,45) (c,45) (c,43)	(ms/cm) [3%]* C.549 C.551 C.553	(NTU) [10% or 1 NTU]* 7 3 3	(mg/l) [10% or 0.1 mg/l]* C.42 C.42 C.39 C.38	ORP (mV) [10 mV]* 59.0 50.3 43.2 38.0
1132 1137 1142 1146	Pump Rate (rtL/min.)	Total Gallons Removed 1.9898 2:1221 2:2544 2:3867	Water Level (ft TIC) 7.88 7.87 7.87	(Cetsius) [3%]* 16.59 10.03 10.04	[0.1 units]* (c,4(c) (c,45) (c,45) (c,43)	(ms/cm) [3%]* C.549 C.551 C.553	(NTU) [10% or 1 NTU]* 7 3 3	(mg/l) [10% or 0.1 mg/l]* C.42 C.42 C.39 C.38	ORP (mV) [10 mV]* 59.0 50.3 43.2 38.0
1132 1137 1142 1146 1150	Pump Rate (rtLmin.) ICC ICC ICC ICC ICC ICC	Total Gallons Removed 1.9898 2:1221 2:2544 2:3867 2,5190	Water Level (ft TIC) 7.88 7.87 7.87 7.87	(Cetsius) [3%]* 16.59 [6.63 16.63 16.64 16.65	[0.1 units]* (c.4(c.45) (c.41) (c.43) (c.43)	(mS/cm) [3%]* C.549 C.55/ C.553 C.553	(NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]* C.42 C.42 C.39 C.38 C.38	ORP (mV) [10 mV]* 59.0 50.3 43.2 38.0
// 32 // 37 // 42 // 4/6 // 50	Pump Rate (rti_min.) ICC ICC ICC ICC ICC ICC ICC I	Total Gallons Removed 1.9898 2:1221 2:2544 2:3867 2,5190	Water Level (ft TIC) 7.88 7.87 7.87 7.87	(Cetsius) [3%]* 16.59 16.69 16.63 16.64 16.65	[0.1 units]* (c.4(c) (c.45) (c.45) (c.43) (c.43)	(m\$/cm) [3%]* 0.549 0.557 0.553 0.553 0.554	(NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]* 0.42 0.42 0.39 0.38 0.38	ORP (mV) [10 mV]* 59.0 50.3 43.2 38.0 34.4
// 32 // 37 // 42 // 4/6 // 50	Pump Rate (rti_min.) ICC ICC ICC ICC ICC ICC ICC I	Total Gallons Removed 1.9898 2:1221 2:2544 2:3867 2,5190	Water Level (ft TIC) 7.88 7.87 7.87 7.87	(Cetsius) [3%]* 16.59 16.69 16.63 16.64 16.65	[0.1 units]* (c.4(c) (c.45) (c.45) (c.43) (c.43)	(m\$/cm) [3%]* 0.549 0.557 0.553 0.553 0.554	(NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]* C.42 C.42 C.39 C.38 C.38	ORP (mV) [10 mV]* 59.0 50.3 43.2 38.0 34.4
// 32 // 37 // 42 // 4/6 // 50	Pump Rate (rti_min.) ICC ICC ICC ICC ICC ICC ICC I	Total Gallons Removed 1.9898 2:1221 2:2544 2:3867 2,5190	Water Level (ft TIC) 7.88 7.87 7.87 7.87	(Cetsius) [3%]* 16.59 16.69 16.63 16.64 16.65	[0.1 units]* (c.4(c) (c.45) (c.45) (c.43) (c.43)	(m\$/cm) [3%]* 0.549 0.557 0.553 0.553 0.554	(NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]* 0.42 0.42 0.39 0.38 0.38	ORP (mV) [10 mV]* 59.0 50.3 43.2 38.0 34.4
// 32 // 37 // 42 // 4/6 // 50	Pump Rate (rti_min.) ICC ICC ICC ICC ICC ICC ICC I	Total Gallons Removed 1.9898 2:1221 2:2544 2:3867 2,5190	Water Level (ft TIC) 7.88 7.87 7.87 7.87	(Cetsius) [3%]* 16.59 16.69 16.63 16.64 16.65	[0.1 units]* (c.4(c) (c.45) (c.45) (c.43) (c.43)	(m\$/cm) [3%]* 0.549 0.557 0.553 0.553 0.554	(NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]* 0.42 0.42 0.39 0.38 0.38	ORP (mV) [10 mV]* 59.0 50.3 43.2 38.0 34.4
// 32 // 37 // 42 // 4/6 // 50	Pump Rate (rti_min.) ICC ICC ICC ICC ICC ICC ICC I	Total Gallons Removed 1.9898 2:1221 2:2544 2:3867 2,5190	Water Level (ft TIC) 7.88 7.87 7.87 7.87	(Cetsius) [3%]* 16.59 16.69 16.63 16.64 16.65	[0.1 units]* (c.4(c) (c.45) (c.45) (c.43) (c.43)	(m\$/cm) [3%]* 0.549 0.557 0.553 0.553 0.554	(NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]* 0.42 0.42 0.39 0.38 0.38	ORP (mV) [10 mV]* 59.0 50.3 43.2 38.0 34.4
// 32 // 37 // 42 // 4/6 // 50	Pump Rate (rti_min.) ICC ICC ICC ICC ICC ICC ICC I	Total Gallons Removed 1.9898 2:1221 2:2544 2:3867 2,5190	Water Level (ft TIC) 7.88 7.87 7.87 7.87	(Cetsius) [3%]* 16.59 16.69 16.63 16.64 16.65	[0.1 units]* (c.4(c) (c.45) (c.45) (c.43) (c.43)	(m\$/cm) [3%]* 0.549 0.557 0.553 0.553 0.554	(NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]* 0.42 0.42 0.39 0.38 0.38	ORP (mV) [10 mV]* 59.0 50.3 43.2 38.0 34.4
// 32 // 37 // 42 // 4/6 // 50	Pump Rate (rt_Jmin.) ICO ICO ICO ICO ICO ICO ICO ICO	Total Gallons Removed 1.9898 2:1221 2:2544 2:3867 2,5190	Water Level (ft TIC) 7.88 7.87 7.87 7.87	(Cetsius) [3%]* 16.59 16.69 16.63 16.64 16.65	[0.1 units]* (c.4(c) (c.45) (c.45) (c.43) (c.43)	(m\$/cm) [3%]* 0.549 0.557 0.553 0.553 0.554	(NTU) [10% or 1 NTU]*	(mg/l) [10% or 0.1 mg/l]* 0.42 0.42 0.39 0.38 0.38	ORP (mV) [10 mV]* 59.0 50.3 43.2 38.0 34.4
// 32 // 37 // 42 // 46 // 50 * The stabilization	Pump Rate (rt_Jmin.) ICO ICO ICO ICO ICO ICO ICO ICO ICO IC	Total Gallons Removed 1.9898 2:1221 2:2544 2:3867 2,5190	Water Level (ft TIC) 7.88 7.87 7.87 7.87	(Cetsius) [3%]* 16.59 16.69 16.63 16.64 16.65	[0.1 units]* (c.4(c) (c.45) (c.45) (c.43) (c.43)	(m\$/cm) [3%]* 0.549 0.557 0.553 0.553 0.554	(NTU) [10% or 1 NTU]* 4 3 3 3 3 /als) is listed in each	(mg/l) [10% or 0.1 mg/l]* C. 4 2 C. 39 C. 38 C. 38 ch column heading.	ORP (mV) [10 mV]* 59.0 50.3 43.2 38.0 34.4
1132 1137 1142 1140 1150 *The stabilization	Pump Rate (rt_min.) ICO ICO ICO ICO ICO ICO ICO ICO ICO IC	Total Gallons Removed 1.9898 2:1221 2:2544 2:3867 2,5190	Water Level (ft TIC) 7.88 7.87 7.87 7.87	(Cetsius) [3%]* 16.59 16.69 16.63 16.64 16.65	[0.1 units]* (c.4(c) (c.45) (c.45) (c.43) (c.43)	(m\$/cm) [3%]* 0.549 0.557 0.553 0.553 0.554	(NTU) [10% or 1 NTU]* 4 3 3 3 3 /als) is listed in each	(mg/l) [10% or 0.1 mg/l]* C. 4 2 C. 39 C. 38 C. 38 ch column heading.	ORP (mV) [10 mV]* 59.0 50.3 43.2 38.0 34.4
11 32 11 37 11 42 11 46 1150 * The stabilization OBSERVATIO	Pump Rate (ALIMIN.) ICO ICO ICO ICO ICO ICO ICO ICO ICO IC	Total Gallons Removed 1.9898 2:1221 2:2544 2:3867 2,5190	Water Level (ft TIC) 7.88 7.87 7.87 7.87	(Celsius) [3%]* 16.59 16.63 16.63 16.64 16.65	[0.1 units]* (c.4(C) (c.45) (c.45) (c.45) (c.45) (c.45) (c.45) (c.45) (c.45)	(m\$/cm) [3%]* 0.549 0.557 0.553 0.553 0.554	(NTU) [10% or 1 NTU]* 4 3 3 3 3 Vals) is listed in each (CCIC)	(mg/l) [10% or 0.1 mg/l]* C. 4 2 C. 39 C. 38 C. 38 ch column heading.	ORP (mV) [10 mV]* 59.0 50.3 43.2 38.0 34.4

Well No.	ama:	5-0		Site	//GMA Name	<u>amu</u>	~>		
Key No.				Samplin	ng Personnel	JCm. K	13		
PID Back	ground (ppm)				Date	1017	04	·	
	dspace (ppm)				Weather	SININY	550		
	, ., .,						- 		·
WELL INFORM	ATION	~					Sample Time	1A . AA	
	Point Marked?	$(v)_N$					Sample ID	mes Gmi	02 :: (.
	Reference Point	-0.27	Meas From (GRowi) Corner	E .	Duplicate ID	11162 GA1171	
ridigin ov i	Well Diameter	_ `````		-11000	0010.230	~	MS/MSD		
Screen	Interval Depth	0-10'	Meas From	BGS			Split Sample IO		
	er Table Cooth	30 43	Meas From				Com Sample To		
***	Weil Depth	18.75	Meas. From	-10-		Required	Anandical	Parameters:	C 11
Longth of	Water Column	70,50	Jas. 7.16					(Std. fist)	Collected
-	Water Coldinity	775	a 0			^		(Exp. ost)	(入)
		1,02,3	Meas From	~T~\					()
ілтаке Феріп с	oi Pumo/Tubing	1412-	MIGUS FIORI	_ <u></u>				OCs	(🔀)
						(X		(Total)	* ;
Reference Poin						, X ,		Dissolved)	\sim
FIC Top of Inn						X		ganics (Total)	· 🔀 /
Cito got DOT	uler (Protective)	Casing				(2)	•	pics (Disselved)	· ×
Grade/BGS. G	ound Surface					' X '	PCDD	s/PCDFs	
	\sim					(×)	Pasticidas	y Herbicidus	('≻)
Redevelop?	Y (N)					1 1	Natural /	Attenuation	()
						(X)	Other :	(Specify)	\times
EVACUATION	INFORMATION					′ ≤	SULFIDE.		· · · · · · · · · · · · · · · · · · ·
$p_{\mathfrak{t}}$	imp Start Timo	13:16				Č	VANIDE	TOTAL & DIS	SOLVED
\wp_0	uno Stop Timo	16:32	>		Evacuation Me	thad Bailer () Bladder F	tump (1)	
Minut	tes of Pumping	196	Min.		Penstaltic Pum	iρ () Su	timersible Pump. (ecity ()
Volume of V	Aster Removed	5 60	\mathcal{Q}		Pump Type	marsc	HALK (YSTEM I	
	i Well Go Ory?	¥ (37)	- \ }.		-		thad as avacuation	n? Y N (specif	y)
	·		•						
						_		9	
,	Water Quality M	erer Type(s) / Se	mal Numbers	HACH T	Wasi Div	MFIER	02020	∞2537	16
,	Water Quality M	erer Type(s) / Sc	enal Numbers	HACH T	Ulbi Ox	METER C0392	02020 AE	∞2537	16
	Water Quality M	erer Type(s) / Se	mal Numbers Water	HACH T VSISSI Tomp.			02020 AE Turbidity	∞2537	ORP
	Pump			Temp.	0 03	C0392	AE		
Time	Pump Rate	IstoF	Water	Temp. (Ce(slus)	0 03	C. 0392 Sp. Cond.	Turbidity (NTU)	ОО	ORP
Time	Pump Rate (Umin.)	र्नेश्वत Gallons	Water Levoi	Temp.	0 03(pH	Sp. Cond. (mS/cm)	Turbidity (NTU) (10% or 1 NTU)	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV)
	Pump Rate	Fotal Gallons Removed	Water Level (ft TIC) 10, 45	Temp. (Ce(slus) (3%)*	0 03(pH	Sp. Cond. (mS/cm)	Turbidity (NTU)	DO (mg/l)	ORP (mV) (10 mV]*
13:19 13:22	Pump Rate (Umin.)	Fotal Gallons Removed	Water Level (ft TIC) 10, 45	Temp. (Co(slus) (3%)*	0 03(pH	Sp. Cond. (mS/cm)	Turbidity (NTU) (10% or 1 NTU) Y 4	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) (10 mV]*
13 19 13 27 13 27	Pump Rate (Umin.) 0.100	Fotal Gallons Removed - C.079 C.211	Water Level (R TIC) VO. 45 VO. 45	Temp. (Ce(slus) (3%)*	0 03(pH [0 1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) (10% or 1 NTU) (2) 4 112	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) (10 mV]*
Time 13:19 13:22	Pump Rate (Umin.) 0.100 0.100 0.100 0.100	Fotal Gallons Removed C.DTG C.211 0.344	Water Level (R TIC) 10, 45 10, 45 10, 47	Temp. (Co(slus) (3%)*	0 03(pH	Sp. Cond. (mS/cm) [3%]*	AE Turbidity (NTU) (10% or 1 NTU) () 4 1) 2 1 2 1	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) (10 mV]*
13.19 13.22 13.22 13.30 13.37	Pump Rate (Umin.) 0.1CC 0.1CC 0.1CC 0.1CC	Fotal Gallons Removed C.DT9 C.211 0.344 0.4710	Water Level (R TIC) 10, 45 10, 45 10, 45 10, 45	Temp. (Co(slus) (3%)*	0 03(pH [0 1 units]*	Sp. Cond. (mS/cm) [3%]*	AE Turbidity (NTU) [10% or 1 NTU] (A. 1) 2 1 2 1 1 1 5 1 8 2	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) (10 mV]*
13 19 13 27 13 27	Pump Rate (Umin.) 0.100 0.100 0.100 0.100	Fotal Gallons Removed C.DTG C.211 0.344	Water Level (R TIC) 10, 45 10, 45 10, 47	Temp. (Co(slus) (3%)*	0 03(pH [0 1 units]*	Sp. Cond. (mS/cm) [3%]*	AE Turbidity (NTU) (10% or 1 NTU) () 4 1) 2 1 2 1	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) (10 mV]*
13.19 13.22 13.22 13.30 13.37	Pump Rate (Umin.) 0.1CC 0.1CC 0.1CC 0.1CC	Fotal Gallons Removed C.DT9 C.211 0.344 0.4710	Water Level (R TIC) 10, 45 10, 45 10, 45 10, 45	Temp. (Co(slus) (3%)*	0 03(pH [0 1 units]*	Sp. Cond. (mS/cm) [3%]*	AE Turbidity (NTU) [10% or 1 NTU] (A. 1) 2 1 2 1 1 1 5 1 8 2	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) (10 mV]*
13.19 13.22 13.22 13.30 13.37	Pump Rate (Umin.) 0.1CC 0.1CC 0.1CC 0.1CC	Fotal Gallons Removed C.DT9 C.211 0.344 0.4710	Water Level (R TIC) 10, 45 10, 45 10, 45 10, 45	Temp. (Co(slus) (3%)*	(0 1 units)*	Sp. Cond. (mS/cm) [3%]*	AE Turbidity (NTU) [10% or 1 NTU] (A. 1) 2 1 2 1 1 1 5 1 8 2	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) (10 mV]*
13.19 13.22 13.22 13.30 13.37	Pump Rate (Umin.) 0.1CC 0.1CC 0.1CC 0.1CC	Fotal Gallons Removed C.DT9 C.211 0.344 0.4710	Water Level (R TIC) 10, 45 10, 45 10, 45 10, 45	Tomp. (Co(slus) (3%)'	(0 1 units)*	Sp. Cond. (mS/cm) [3%]*	AE Turbidity (NTU) [10% or 1 NTU] (A. 1) 2 1 2 1 1 1 C1 8 2	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) (10 mV]*
13.19 13.22 13.22 13.30 13.37	Pump Rate (Umin.) 0.1CC 0.1CC 0.1CC 0.1CC	Fotal Gallons Removed C.DT9 C.211 0.344 0.4710	Water Level (R TIC) 10, 45 10, 45 10, 45 10, 45	Temp. (Co(slus) (3%)*	(0 1 units)*	Sp. Cond. (mS/cm) [3%]*	AE Turbidity (NTU) [10% or 1 NTU] (A. 1) 2 1 2 1 1 1 C1 8 2	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) (10 mV]*
13.19 13.22 13.22 13.30 13.37	Pump Rate (Umin.) 0.1CC 0.1CC 0.1CC 0.1CC	Fotal Gallons Removed C.DT9 C.211 0.344 0.4710	Water Level (R TIC) 10, 45 10, 45 10, 45 10, 45	Tomp. (Co(slus) (3%)'	(0 1 units)*	Sp. Cond. (mS/cm) [3%]*	AE Turbidity (NTU) [10% or 1 NTU] (A. 1) 2 1 2 1 1 1 C1 8 2	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) (10 mV]*
13.19 13.22 13.22 13.30 13.37	Pump Rate (Umin.) 0.1CC 0.1CC 0.1CC 0.1CC	Fotal Gallons Removed C.DT9 C.211 0.344 0.4710	Water Level (R TIC) 10, 45 10, 45 10, 45 10, 45 10, 45 10, 45 10, 45 10, 45	Tomp. (Co(slus) (3%)'	(c 41	Sp. Cond. (mS/cm) [3%]*	AE Turbidity (NTU) [10% or 1 NTU] (A. 1) 2 1 2 1 1 1 C1 8 2	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) (10 mV]*
Time 13:19 13:22 13:27 13:30 13:47 13:47 13:47 14:02 14:07 14:12 14:17	Pump Rate (Umin.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed	Water Level (#TIC) 10.45 10.45 10.47 10.45 10.45 10.45 10.45 10.45	Tomp. (Co(slus)) (3%)'	(0 1 units)* (0 1 units)* (4 1	Sp. Cond. (mS/cm) [3%]"	AE Turbidity (NTU) (10% or 1 NTU) Y. 4 112 112 112 115 32 54 30 25 22 16 1/3 1/2	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) (10 mV]*
Time 13 19 13 22 13 21 13 30 13 37 13 47 13 47 13 47 14 02 14 07 14 17 The stabilization	Pump Rate (Umin.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed	Water Level (#TIC) 10.45 10.45 10.47 10.45 10.45 10.45 10.45 10.45	Tomp. (Co(slus)) (3%)'	(0 1 units)* (0 1 units)* (4 1	Sp. Cond. (mS/cm) [3%]"	AE Turbidity (NTU) (10% or 1 NTU) Y. 4 112 112 113 254 30 25 22 16 1/3 1/2 vals) is listed in ea	00 (mg/l) (10% or 0.1 mg/l) ————————————————————————————————————	ORP (mV) (10 mV]*
Time 13:19 13:22 13:27 13:30 13:47 13:47 13:47 14:02 14:07 14:12 14:17 The stabilizat OBSERVATIO	Pump Rate (Umin.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed C.OTG C.211 0.344 C.4Tic C.4Tic C.4Tic C.141 C.4Tic C	Water Level (#TIC) 10.45 10.45 10.47 10.45 10.45 10.45 10.45 10.45	Temp. (Co(slus) (3%)'	(0 1 units)* (0 1 units)* (4 1	Sp. Cond. (mS/cm) [3%]*	AE Turbidity (NTU) (10% or 1 NTU) Y. 4 112 112 113 254 30 25 22 16 1/3 1/2 vals) is listed in ea	00 (mg/l) (10% or 0.1 mg/l) ————————————————————————————————————	ORP (mV) (10 mV]*
Time 13 19 13 22 13 21 13 30 13 37 13 47 13 47 13 47 14 02 14 07 14 17 The stabilization	Pump Rate (Umin.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed C.OTG C.211 0.344 C.4Tic C.4Tic C.4Tic C.141 C.4Tic C	Water Level (#TIC) 10.45 10.45 10.47 10.45 10.45 10.45 10.45 10.45	Tomp. (Co(slus)) (3%)'	(0 1 units)* (0 1 units)* (4 1	Sp. Cond. (mS/cm) [3%]*	AE Turbidity (NTU) (10% or 1 NTU) Y. 4 112 112 113 254 30 25 22 16 1/3 1/2 vals) is listed in ea	00 (mg/l) (10% or 0.1 mg/l) ————————————————————————————————————	ORP (mV) (10 mV]*
Time 13:19 13:22 13:27 13:30 13:47 13:47 13:47 14:02 14:07 14:12 14:17 The stabilizat OBSERVATIO	Pump Rate (Umin.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed C.OTG C.211 0.344 C.4Tic C.4Tic C.4Tic C.141 C.4Tic C	Water Level (#TIC) 10.45 10.45 10.47 10.45 10.45 10.45 10.45 10.45	Tomp. (Co(slus)) (3%)'	(0 1 units)* (0 1 units)* (4 1	Sp. Cond. (mS/cm) [3%]*	AE Turbidity (NTU) (10% or 1 NTU) Y. 4 112 112 113 254 30 25 22 16 1/3 1/2 vals) is listed in ea	00 (mg/l) (10% or 0.1 mg/l) ————————————————————————————————————	ORP (mV) (10 mV]*
Time 13:19 13:22 13:27 13:30 13:47 13:47 13:47 14:02 14:07 14:12 14:17 The stabilizat OBSERVATIO	Pump Rate (Umin.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed C.OTG C.211 0.344 C.4Tic C.4Tic C.4Tic C.141 C.4Tic C	Water Level (#TIC) 10.45 10.45 10.47 10.45 10.45 10.45 10.45 10.45	Tomp. (Co(slus)) (3%)'	(0 1 units)* (0 1 units)* (4 1	Sp. Cond. (mS/cm) [3%]*	AE Turbidity (NTU) (10% or 1 NTU) Y. 4 112 112 113 254 30 25 22 16 1/3 1/2 vals) is listed in ea	00 (mg/l) (10% or 0.1 mg/l) ————————————————————————————————————	ORP (mV) (10 mV]*
13:19 13:22 13:27 13:30 13:37 13:47 13:47 14:02 14:07 14:17 The stabilization observation of the stabilization of	Pump Rate (Umin.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed C.OTG C.211 0.344 C.4Tic C.4Tic C.4Tic C.141 C.4Tic C	Water Level (#TIC) 10.45 10.45 10.47 10.45 10.45 10.45 10.45 10.45	Tomp. (Co(slus)) (3%)'	(0 1 units)* (0 1 units)* (4 1	Sp. Cond. (mS/cm) [3%]*	AE Turbidity (NTU) (10% or 1 NTU) Y. 4 112 112 113 254 30 25 22 16 1/3 1/2 vals) is listed in ea	00 (mg/l) (10% or 0.1 mg/l) ————————————————————————————————————	ORP (mV) (10 mV]*
13:19 13:22 13:27 13:30 13:37 13:47 13:47 13:47 14:02 14:07 14:17 The stabilization observation observation of the stabilization observation of the stabilization observation	Pump Rate (Umin.) 0.100	Total Gallons Removed C.OTG C.211 0.344 C.4Tic C.4Tic C.4Tic C.141 C.4Tic C	Water Level (#TIC) 10.45 10.45 10.47 10.45 10.45 10.45 10.45 10.45	Tomp. (Co(slus)) (3%)'	(0 1 units)* (0 1 units)* (4 1	Sp. Cond. (mS/cm) [3%]*	AE Turbidity (NTU) (10% or 1 NTU) 7.4 11/2 12/1 11/2 32 54 30 25 22 16 1/3 1/2 vals) is listed in ea	00 (mg/l) [10% or 0.1 mg/l] 3, 45 2.30 0.88 40,40 ch column heading.	ORP (mV) (10 mV) - 2 4.5 - 52 1 - 1c0 9 67.6
13:19 13:22 13:27 13:30 13:31 13:42 13:47 13:47 14:02 14:07 14:17 The stabilization observation observation of the stabilization observation observati	Pump Rate (Umin.) 0.100	Total Gallons Removed C.OTG C.211 0.344 C.4Tic C.4Tic C.4Tic C.141 C.4Tic C	Water Level (#TIC) 10.45 10.45 10.47 10.45 10.45 10.45 10.45 10.45	Tomp. (Co(slus)) (3%)'	(0 1 units)* (0 1 units)* (4 1	Sp. Cond. (mS/cm) [3%]*	AE Turbidity (NTU) (10% or 1 NTU) 7.4 11/2 12/1 11/2 32 54 30 25 22 16 1/3 1/2 vals) is listed in ea	00 (mg/l) [10% or 0.1 mg/l] 3, 45 2.30 0.88 40,40 ch column heading.	ORP (mV) (10 mV) - 2 4.5 - 52 1 - 1c0 9 67.6
Time 13:19 13:27 13:37 13:37 13:47 13:47 13:47 14:02 14:02 14:01 The stabilization observation observ	Pump Rate (Umin.) 0.100	Total Gallons Removed C.OTG C.211 0.344 C.4Tic C.4Tic C.4Tic C.141 C.4Tic C	Water Level (#TIC) 10.45 10.45 10.47 10.45 10.45 10.45 10.45 10.45	Tomp. (Co(slus) (3%)'	(0 1 units)*	Sp. Cond. (mS/cm) [3%]	AE Turbidity (NTU) (10% or 1 NTU) 7.4 11/2 12/1 11/2 32 54 30 25 22 16 1/3 1/2 vals) is listed in ea	00 (mg/l) [10% or 0.1 mg/l] 3, 45 2.30 0.88 40,40 ch column heading.	ORP (mV) (10 mV) - 2 4.5 - 52 1 - 1c0 9 67.6
13.19 13.27 13.27 13.37 13.37 13.47 13.47 13.47 14.07 14.07 14.12 14.17 The stabilization observation STRUNG	Pump Rate (Umin.) 0.100	Total Gallons Removed C.OTG C.211 0.344 C.4Tic C.4Tic C.4Tic C.141 C.4Tic C	Water Level (#TIC) 10.45 10.45 10.47 10.45 10.45 10.45 10.45 10.45	Tomp. (Co(slus) (3%)'	(0 1 units)*	Sp. Cond. (mS/cm) [3%]*	AE Turbidity (NTU) (10% or 1 NTU) 7.4 11/2 12/1 11/2 32 54 30 25 22 16 1/3 1/2 vals) is listed in ea	00 (mg/l) (10% or 0.1 mg/l) ————————————————————————————————————	ORP (mV) (10 mV) - 2 4.5 - 52 1 - 1c0 9 67.6

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Well No.	<u> </u>	13-6		Sito	GMA Name	GIVIL	2		
Key No.				Samplin	g Personnel	Timic	iB		
PID Back	ground (ppm)	-			Date	10171	04		
Well Hea	dspace (ppm)	_			Weather	Silving	550		
							T		<u> </u>
WELL INFORM	ATION						Sample Time	14:44	
	Point Marked?	(y) N					Sample ID	Grand 2 1	
		一つ ラブ	Meas, From	RAS				CIUITY - M	· · · · · · · · · · · · · · · · · · ·
Height of F	Reference Point	70,2	Meds, mon	1327			Ouplicate ID		<u> </u>
_	Well Diameter	0 101	Meas From	n.c.C			MS/MSD		
	n Interval Depth	X - 18 -		222			Solii Sample IO		 -
Wa	ter Table Depth	0.45	Meas From	110		Required	Saali siinad d	3	_
	Well Depth	Towa	Meas From			: X		Parameters:	Collected
-	l Water Column	7765	. 0					Std. (ist)	
	of Water in Well	1.459	معا	200				(Exp. list)	t 1
Intake Depth (of Pumo/Tubing	14.5	Meas From			\mathbf{x}		OCs .	\sim
						×		(Tolal)	(\mathbf{x})
Reference Pain	it Identification					\times	PGBs (0	Dissolved)	(> <
FIC Top of Inn	ior (PVC) Casing	1				× ·	Metalszlagg	janies (Total)	: >)
O top of O	luter (Protective)	Cusing				$\boldsymbol{\times}$	Metats/Inorgac	iics (Dissolved)	∟(Ś ¢) i
Grade/BGS G	rgund Surface					×	PCDO:	SPCOF's	$+$ \times
						1 X 1	Posticidos	/Herbicidus	- 1 √ 1
Redevelop?	Y					1 1	Natural /	Attenuation	. F
	_					' X '	Other ((Specify)	$\sim (\sqrt{\epsilon})_{\infty}$
EVACUATION	INFORMATION					~ ~ ~~	Asion G	nal a Diss	·- '
	ump Slad Jone	13:10	n			ラ		Heat of Diss	SOUVED)
	umo Sloo Time	110 20	` .		Evacuation Me	ن ان) theat Hader	Bladder F	umo VI	
	itos of Pumping	960			anstatic Pon		binersible <u>Pump</u> (~	city ()
	Valor Romoved	500	· ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '		•	MARSCH		iem!	, , ,
	ki Wali Ga Dry?		· ·				thad as avacuation	 	(v)
	Water Quality M	nter Type(s) / Sc	Water	YS1 5.5 Temp.	RRIDIY C. D.	30 0397 Sp. Cond.	110200 2 AE 1 Turbidity	DO	ORP
- ,		Gallons	Lovoi	(Calsius)	,,,,,	(inS/cm)	(NTU)	(mg/l)	(mV)
Time	Rate	_	(It TIC)	1 1	(0.1 units)*	13%1		(10% or 0.1 mg/l)*	[10 mV]*
401 000	(L/min.)	Removed	in He	[3%]	6.52	1930	70	0.39	-68.3
14.22	0.160	1.555	10.73	10.43	<u> </u>	13/6	à	0.36	-7/1
1610 14:2	0.100	1.001	10,40	18.46	(6, <u>5</u> 3	775	<u> </u>	0.34	
14:31	0.100	1.77	10.45	18.42	6.24	1.812	 	0 22	727
4:35	0,100	1.472	10.45	190.44	<u> (</u>	1 1 2 554	<u> </u>	0.33	7 (3) 4
14 34	0,100	2.078	10.45	18:34	عاكريا	1 207	<u> </u>	0.30	- 14.
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	<u></u>		!	1		to 5 minute inter	unte Viciliated in en	ch column heading	
The stabiliza	ition criteria for e	ach field parame	eter (three cons	ecutive readings	O : 0 : - C		10 6	ch column heading.	
	NS/SAMPLING	WETHOU OF AL	ATIONS	TIMAL	P U KOT	<u> </u>	SK 1 CAL	CEV (72)	
<u>-ODO</u>	<u>K</u>							<u> </u>	
SAMPLE DES	STINATION								
									,
Laborator	y 565			-				·	21
Laboratory Delivered Via	y: 365 LAN :			-	Field Samplin	g Coordinator		an H	
Laboratory Delivered Via	y 565			- -	Field Samplin	g Coordinator;			21-

	(N	ハハふご	}	Sital	GMA Name	(-W/7 >-	1	
Well No.		1101	<u>'</u>			SEK	1mAH		
Key Nc.				Sampling	Personnel _		8-04		
P!D Backgrou	und (ppm)				Date	SUN		·	
Well Headsp	ace (ppm) _				Weather _		<u> </u>		
								11:10	
WELL INFORMATION	ON							11:10	
Reference Poi	nt Marked?	(Ŷ) N						GM43-7	
Height of Refe		-0.25'	Meas, From	Ground_			Duplicate ID _		
•	all Diameter		_	Ground			MS/MSD _		417
	erval Depth _	155-20	Meas. From	++C			Split Sample ID _		
Screen and	rable Depth _	13 04	Meas. From	110					
	Well Depth	19.96	Meas, From	TTC		Required	Analytical F	arameters.	Collected
						(X -	VOCs (S	Std. list)	$A = \sum_{i} A_i$
Length of Wa			į.			1 7	VOCs (1	Exp. list)	()
Volume of W	_	1.12 gr	\(\)	ttc		(X)	SVO	OCs .	(X)
Intake Depth of Pt	ump/Tubing_	1650	meas. From			$\langle X \rangle$	PCBs ($(\widehat{\mathcal{L}})$
						(X)		issolved)	$(\hat{\mathbf{X}})$
Reference Point Ide	entification					, X		anics (Total)	
TIC: Top of inner (PVC) Casing						=		
TOC: Top of Outer	r (Protective)	Casing				, × ,	Metals/Inorgan		
Grade/BGS: Group	nd Surface					,		/PCDFs	()
	_					← 🗶 ・		/Herbicides	(X)
Redevelop? Y	(N)					t i		ttenuation	()
						: X)		Specify)	(X)
EVACUATION INF	ORMATION	_					Sulfid=		
		9:30							
	Start Time	13 50			Evacuation Meth	nod Bailer () Bladder P	ump (X)	
•	p Stop Time	- 360	i		Penstaltic Pump		bmerşible Pump () Other/Spe	cify ()
	of Pumping	- AU	-		Puere Tuna	Marach	ralk - Syste	m One	
Volume of Water		10.81	•		Camp Type:	ad by same me	thod as evacuation	N (specif	y)
Did W	Vell Go Dry?	Y (N)			Samples collect	ed by semicino	,		•
				YSTS	Samo	5 0.77	JULIAL AL	H3 HAC	14-W/h, ad
Wa	ater Quality M	eter Type(s) / Se	erial Numbers:	ARE S.	56MP	5 03	MOLAI	#3, HAC	H- Work CA
Wa	ater Quality M	,	,	1					meter
Wa	eter Quality M	eier Type(s) / Se	erial Numbers:	Temp.	56MP	Sp. Cond.	Turbidity	DO	ORP
Wa		,	,	Temp. (Celsius)	рН	Sp. Cond. (mS/cm)	Turbidity (NTU)	DO (mg/l)	ORP (mV)
	Pump	Total	Water	Temp.		Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO	ORP
Time	Pump Rate	Total Gallons	Water Level	Temp. (Celsius)	рН	Sp. Cond. (mS/cm)	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l)	ORP (mV)
Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius)	pH {0.1 units}*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]* > / 200	DO (mg/l)	ORP (mV) [10 mV]*
71me 9:45 9:55	Pump Rate (L/min.) O_(O)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH {0.1 units}*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l)	ORP (mV) [10 mV]*
71me 9:45 9:55 /0:05	Pump Rate (Umin.) O_1O O_1O	Total Gallons Removed 13.20V	Water Level (ft TIC) (b) 40 VO 66 13.26	Temp. (Celsius) [3%]*	pH {0.1 units}*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]* > / 200	DC (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
7:45 9:45 9:55 /0:05	Pump Rate (L/min.) O. (O.) O. (O.) O. (O.) O. (O.) O. (O.) O. (O.)	Total Gallons Removed 13,20V 13,20V	Water Level (ft TIC) VO 66 13.26	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%];	Turbidity (NTU) [10% or 1 NTU]* >/200 7 3/ / 37	DC (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
71me 9:45 9:55 /0:05 /0:15 /0:30	Pump Rate (L/min.) O.10 O.10 O.10 O.10 O.10 O.10 O.10	Total Gallons Removed 13.20 13.20 13.24 1.19 1.59	Water Level (ft TIC) (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* - - - -	Turbidity (NTU) [10% or 1 NTU]* > 1000 7 31 / 37 31	DC (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
71me 9:45 9:55 /0:05 /0:15 /0:30 (0:35	Pump Rate (L/min.) O. (O)	Total Gallons Removed 13.20 13.24 1, 93 1, 19 1, 59	Water Level (ft TIC) 6, 40 VO 66 13, 26 13, 21 13, 20	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]; - - - - () .(a35 0 .(a35	Turbidity (NTU) [10% or 1 NTU]* > / 200 7 3/ / 37 3/ / 5	DC (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
71me 9:45 9:55 /0:05 /0:15 /0:30	Pump Rate (L/min.) 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.	Total Gallons Removed 13.20V 13.24 V 1	Water Level (ft TIC) 6, 40 VO 66 13, 26 13, 26 13, 20 13, 20	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]; - - - () .035 () .035 () .637	Turbidity (NTU) [10% or 1 NTU]* > / 000 - 7 3/ - / 37 - 3/ - / 5 - / /	DC (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
71me 9:45 9:55 /0:05 /0:15 /0:30 (0:35	Pump Rate (L/min.) O. (O)	Total Gallons Removed 13.20 13	Water Level (ft TIC) VO 140 13 24 13 24 13 24 13 20 13 20 13 20	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* - - - () .(a35 () .(a37 () .(a37	Turbidity (NTU) [10% or 1 NTU]* > / DOO - 7 3/ - / 37 - 3/ - / 5 - / () - / () - / ()	DC (mg/l) [10% or 0.1 mg/l]* 	0RP (mV) [10 mV]* -767.7 -267.8 -761,2
71me 9:45 9:55 /0:05 /0:15 /0:30 /0:35 /0:40	Pump Rate (L/min.) 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.	Total Gallons Removed 13.20V 13.24 V 1	Water Level (ft TIC) VO 140 13 24 13 24 13 20 13 20 13 20 13 20	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* - - - () .(a35 () .(a35 () .(a37 () .(a37 () .(a37 () .(a37	Turbidity (NTU) [10% or 1 NTU]* >1000 73/ 137 31 15 11 100 100 190	DC (mg/l) [10% or 0.1 mg/l]*	0RP (mV) [10 mV]* -767.7 -267.8 -761,2
7:45 9:55 10:05 10:15 10:30 (0:35 10:40	Pump Rate (Umin.) O. (O. (O. (O. (O. (O. (O. (O. (O. (O. (Total Gallons Removed 13.20 13	Water Level (ft TIC) VO 140 13 24 13 24 13 24 13 20 13 20 13 20	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* - - () .(a3S () .(a3S () .(a3S () .(a3T () .(a3T () .(a3T () .(a3T () .(a3T () .(a3T () .(a3S ()	Turbidity (NTU) [10% or 1 NTU]* > 1000 7 3/ / 37 3/ / 5 / / / 0 / 9 2 4	DC (mg/l) [10% or 0.1 mg/l]* 	0RP (mV) [10 mV]* -767.7 -267.8 -761,2
7:45 9:55 10:05 10:15 10:35 10:35 10:40 10:45 10:50	Pump Rate (Lmin.) O. (O. (O. (O. (O. (O. (O. (O. (O. (O. (Total Gallons Removed 13.20V 13.20V 13.20 1.19 1.59 1.77 1.85	Water Level (ft TIC) VO 140 13 24 13 24 13 20 13 20 13 20 13 20	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* - - - () .(a35 () .(a35 () .(a37 () .(a37 () .(a37 () .(a37	Turbidity (NTU) [10% or 1 NTU]* > 1000 7 3/ / 37 3/ / 5 / / / 0 / 9 2 4	DC (mg/l) [10% or 0.1 mg/l]* 	0RP (mV) [10 mV]* -767.7 -267.8 -761,2
71me 9:45 9:55 70:05 70:75 70:30 70:40 70:45 70:55 70:55	Pump Rate (L/min.) O. 10	Total Gallons Removed 13.20 13	Water Level (ft TIC) 6, 40 13, 26 13, 26 13, 20 13, 20 13, 20 13, 20 13, 20 13, 20	Temp. (Celsius) [3%]'	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* ().(635) ().(637)	Turbidity (NTU) [10% or 1 NTU]* > 1000 7 3/ / 37 3/ / 5 / / 0 / 0 / 0 / 0 / 0 / 0 /	DC (mg/l) [10% or 0.1 mg/l]* 	0RP (mV) [10 mV]* -767.7 -267.8 -761,2
71me 9:45 9:55 70:05 70:75 70:30 70:40 70:45 70:55 70:55	Pump Rate (L/min.) O. 10	Total Gallons Removed 13.20 13	Water Level (ft TIC) 6, 40 13, 26 13, 26 13, 20 13, 20 13, 20 13, 20 13, 20 13, 20	Temp. (Celsius) [3%]'	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* ().(635) ().(637)	Turbidity (NTU) [10% or 1 NTU]* > 1000 7 3/ / 37 3/ / 5 / / 0 / 0 / 0 / 0 / 0 / 0 /	DC (mg/l) [10% or 0.1 mg/l]* 	0RP (mV) [10 mV]* -767.7 -267.8 -761,2
71me 9:45 9:55 70:05 70:75 70:30 70:35 70:40 70:45 70:55 11:00 11:05	Pump Rate (Lmin.) 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.	Total Gallons Removed 13.20V 13.20V 13.20 1.19 1.59 1.72 1.85 1.98 2.12 2.58 2.58 2.51 each field param	Water Level (ft TIC) VO .40 VO .66 I 3 .26 I 3 .20 I 3 .20	Temp. (Celsius) [3%]'	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* ().(635) ().(637)	Turbidity (NTU) [10% or 1 NTU]* > 1000 7 3/ / 37 3/ / 5 / / 0 / 0 / 0 / 0 / 0 / 0 /	DC (mg/l) [10% or 0.1 mg/l]* 	0RP (mV) [10 mV]* -767.7 -267.8 -761,2
71me 9:45 9:55 70:05 70:75 70:30 70:40 70:45 70:55 70:55	Pump Rate (Lmin.) 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.	Total Gallons Removed 13.20V 13.20V 13.20 1.19 1.59 1.72 1.85 1.98 2.12 2.58 2.58 2.51 each field param	Water Level (ft TIC) VO .40 VO .66 I 3 .26 I 3 .20 I 3 .20	Temp. (Celsius) [3%]'	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* ().(635) ().(637)	Turbidity (NTU) [10% or 1 NTU]* > 1000 7 3/ / 37 3/ / 5 / / 0 / 0 / 0 / 0 / 0 / 0 /	DC (mg/l) [10% or 0.1 mg/l]* 	0RP (mV) [10 mV]* -767.7 -267.8 -761,2
7:45 9:45 9:55 /0:05 /0:75 /0:30 /0:35 /0:40 /0:45 /0:53 /1:00 11:05	Pump Rate (Lmin.) 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.	Total Gallons Removed 13.20V 13.20V 13.20 1.19 1.59 1.72 1.85 1.98 2.12 2.58 2.58 2.51 each field param	Water Level (ft TIC) VO .40 VO .66 I 3 .26 I 3 .20 I 3 .20	Temp. (Celsius) [3%]'	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* ().(635) ().(637)	Turbidity (NTU) [10% or 1 NTU]* > 1000 7 3/ / 37 3/ / 5 / / 0 / 0 / 0 / 0 / 0 / 0 /	DC (mg/l) [10% or 0.1 mg/l]* 	0RP (mV) [10 mV]* -767.7 -267.8 -761,2
7:45 9:45 9:55 /0:05 /0:75 /0:30 /0:35 /0:40 /0:45 /0:53 /1:00 11:05	Pump Rate (Lmin.) 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.	Total Gallons Removed 13.20V 13.20V 13.20 1.19 1.59 1.72 1.85 1.98 2.12 2.58 2.58 2.51 each field param	Water Level (ft TIC) VO .40 VO .66 I 3 .26 I 3 .20 I 3 .20	Temp. (Celsius) [3%]'	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* ().(635) ().(637)	Turbidity (NTU) [10% or 1 NTU]* > 1000 7 3/ / 37 3/ / 5 / / 0 / 0 / 0 / 0 / 0 / 0 /	DC (mg/l) [10% or 0.1 mg/l]* 	0RP (mV) [10 mV]* -767.7 -267.8 -761,2
7:45 9:45 9:55 /0:05 /0:75 /0:30 /0:35 /0:40 /0:45 /0:53 /1:00 11:05	Pump Rate (Lmin.) 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.	Total Gallons Removed 13.20V 13.20V 13.20 1.19 1.59 1.72 1.85 1.98 2.12 2.58 2.58 2.51 each field param	Water Level (ft TIC) VO .40 VO .66 I 3 .26 I 3 .20 I 3 .20	Temp. (Celsius) [3%]'	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* ().(635) ().(637)	Turbidity (NTU) [10% or 1 NTU]* > 1000 7 3/ / 37 3/ / 5 / / 0 / 0 / 0 / 0 / 0 / 0 /	DC (mg/l) [10% or 0.1 mg/l]* 	0RP (mV) [10 mV]* -767.7 -267.8 -761,2
7:45 9:45 9:55 /0:05 /0:15 /0:35 /0:40 /0:45 /0:55 /1:00 1:05	Pump Rate (L'min.) O. 10	Total Gallons Removed 13.20V 13.20V 13.20 1.19 1.59 1.72 1.85 1.98 2.12 2.58 2.58 2.51 each field param	Water Level (ft TIC) VO .40 VO .66 I 3 .26 I 3 .20 I 3 .20	Temp. (Celsius) [3%]'	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* ().(635) ().(637)	Turbidity (NTU) [10% or 1 NTU]* > 1000 7 3/ / 37 3/ / 5 / / 0 / 0 / 0 / 0 / 0 / 0 /	DC (mg/l) [10% or 0.1 mg/l]* 	0RP (mV) [10 mV]* -767.7 -267.8 -761,2
7:45 9:45 9:55 /0:05 /0:15 /0:35 /0:40 /0:45 /0:53 /0:53 /1:00 11:05 The stabilization OBSERVATIONS	Pump Rate (Lmin.) O.10 O.10 O.10 O.10 O.10 O.10 O.10 O.10	Total Gallons Removed 13.20V 13.20V 13.20 1.19 1.59 1.72 1.85 1.98 2.12 2.58 2.58 2.51 each field param	Water Level (ft TIC) VO .40 VO .66 I 3 .26 I 3 .20 I 3 .20	Temp. (Celsius) [3%]'	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* ().(635) ().(637)	Turbidity (NTU) [10% or 1 NTU]* > 1000 7 31 / 37 3/ / 5 / 6 / 9 2 4 2 4 vals) is listed in ea	DC (mg/l) [10% or 0.1 mg/l]* II. 21 IU. 97 IZ. 54 IZ. 24 IZ. 78 IZ. 96 IZ. 96 IZ. 90 IX. 90	WOR ORP (mV) [10 mV]*
7:45 9:45 9:55 /0:05 /0:15 /0:35 /0:35 /0:40 /0:45 /0:53 /0:53 /1:00 11:05 The stabilization OBSERVATIONS SAMPLE DESTI	Pump Rate (Lmin.) 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.	Total Gallons Removed 13.20V 13.20V 13.20 1.19 1.59 1.72 1.85 1.98 2.12 2.58 2.58 2.51 each field param	Water Level (ft TIC) VO .40 VO .66 I 3 .26 I 3 .20 I 3 .20	Temp. (Celsius) [3%]'	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* ().(635) ().(637)	Turbidity (NTU) [10% or 1 NTU]* > 1000 7 31 / 37 3/ / 5 / 6 / 9 2 4 2 4 vals) is listed in ea	DC (mg/l) [10% or 0.1 mg/l]* II. 21 IU. 97 IZ. 54 IZ. 24 IZ. 78 IZ. 96 IZ. 96 IZ. 90 IX. 90	WOR ORP (mV) [10 mV]*
7:45 9:45 9:55 /0:05 /0:15 /0:30 /0:35 /0:40 /0:55 /1:00 11:05 The stabilization OBSERVATIONS	Pump Rate (Lmin.) 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.	Total Gallons Removed 13.20V 13.20V 13.20 1.19 1.59 1.72 1.85 1.98 2.12 2.58 2.58 2.51 each field param	Water Level (ft TIC) VO .40 VO .66 I 3 .26 I 3 .20 I 3 .20	Temp. (Celsius) [3%]'	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]; ().(a35) ().(a35) ().(a37) ().(a3	Turbidity (NTU) [10% or 1 NTU]* > 1000 7 31 / 37 3/ / 5 / 6 / 9 2 4 2 4 vals) is listed in ea	DC (mg/l) [10% or 0.1 mg/l]* II. 21 IU. 97 IZ. 54 IZ. 24 IZ. 78 IZ. 96 IZ. 96 IZ. 90 IX. 90	WOR ORP (mV) [10 mV]*
7:45 9:45 9:55 /0:05 /0:15 /0:35 /0:35 /0:40 /0:45 /0:53 /0:53 /1:00 11:05 The stabilization OBSERVATIONS SAMPLE DESTI	Pump Rate (Lmin.) 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.	Total Gallons Removed 13.20V 13.20V 13.20 1.19 1.59 1.72 1.85 1.98 2.12 2.58 2.58 2.51 each field param	Water Level (ft TIC) VO .40 VO .66 I 3 .26 I 3 .20 I 3 .20	Temp. (Celsius) [3%]'	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* ().(635) ().(637)	Turbidity (NTU) [10% or 1 NTU]* > 1000 7 31 / 37 3/ / 5 / 6 / 9 2 4 2 4 vals) is listed in ea	DC (mg/l) [10% or 0.1 mg/l]* 	WOR ORP (mV) [10 mV]*

Well No).	2 W Y.	5- K		HalCMA Na-	- 1	~M 1>		
Key No				_	ite/GMA Name		11147		
•	ckground (ppm)	 .		=	ling Personnel		20K		
	eadspace (ppm)			-	Date		1-91-94	<u> </u>	
				-	Weather		43°		
WELL INFOR	MATION							10.11	,
Referenc	ce Point Marked?	' Y N						10:40	
Height of	f Reference Point	15	Meas. From	GS			Sample ID	<u>6-MA3-</u>	8
3	Well Diameter		_ Weas From				Duplicate ID		
Scree	en Interval Depth		 Meas_From	121-5			MS/MSD		
	ater Table Depth		-	 	_		Split Sample (D		
••	Well Depth		Meas From Meas From		-				
Length (of Water Column		_ Meas From	1-1-	-	Required	<u>Analytica</u>	l Parameters	Collected
	of Water in Well		-			()	VOCs	(Std. list)	t j
	of Pump/Tubing			+-		(⊁)	VOCs	(Exp. list)	$(\boldsymbol{\mathcal{X}}_{-})$
	. or r amprideing	13.00	_ Meas From	TIC	-	()	S'	VOCs	1)
Reference Pou	int Identification					, I	PCB	s (Total)	: •
	iner (PVC) Casino	_				f y	PCBs ((Dissolved)	' 1
		-				(j	Metals/Ino	rganics (Total)	1 1
	Outer (Protective)) Casing				u y	Metals/Inorga	inics (Dissolved)	
Grade/8GS C	Ground Surface					1 +		s/PCDFs	
						()		s/Herbicides	, ,
Redevelop?	Y N					í ,		Attenuation	()
						t 1		(Specify)	l 1
EVACUATION	INFORMATION	.				. ,	1,51111.1	(Specify)	1 2
cı	ump Start Time	9:40)						
31	ump Stop Fime	10:50			Evaduation Me		_		
	ites of Pumping	70	•			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Pump (🔀	
	Nater Removed		•		Peristaltic Pum	p () Si.	ibmersible Pump	() Other/Sp	ecify ()
	ki Well Go Dry?	~~~	•		Pump Type				
		' 0			Samples collec	ted by same me	ithod as evacuatio	n? 🖒 N (speci	fy)
	Water Quality Me	eter Type(s) / %	errat Numbers	Y 9755	1. mos	103C	163.7 L A	,	
	Water Quality Me	eter Type(s) / Se	enal Numbers	75155	6 MP	030	1461 A	<u> </u>	
				45155 He C	2018 1 2008	5 03C	Diclino	1	
	Pump	Total	Water	Tomp.	MP 3000	5 03C Sp. Cond.		700	ORP
Timo	Pump Rate	Total Gallons	Water Level	Tump. (Celsius)		Sp. Cond. (mS/cm)	Dicking Turbidity (NTU)	DO (mg/l)	ORP (mV)
Timo	Pump Rate (L/min.)	Total	Water Level (ft TIC)	Temp. (Celsius) (3%)*		(mS/cm) (3%)*	Dicking Turbidity (NTU)	00	}
	Pump Rate (L/min.)	Total Gallons	Water Level	Tump. (Celsius)	рΗ	(mS/cm)	Dicking Turbidity (NTU)	DO (mg/l)	(mV)
7ima 9:43 9'.53	Pump Rate (L/min.)	Total Gallons	(0.20 (0.10) (0.10) (0.10)	Temp. (Celsius) (3%)*	рΗ	(mS/cm) (3%)*	Dicking Turbidity (NTU)	DO (mg/l)	(mV)
7imo 9:43 9:53 9:58	Pump Rate (L/min.) O, 1 O O, 1 O	Total Gallons	Water Level (ft TIC)	Temp. (Celsius) (3%)*	рΗ	(mS/cm) (3%)*	Turbidity (NTU) (10% or 1 NTU) 174	DO (mg/l)	(mV)
7ima 9:43 9'.53	Pump Rate (L/min.)	Total Gallons	(0.20 (0.10) (0.10) (0.10)	Temp. (Celsius) (3%)*	рΗ	(mS/cm) (3%)*	Dicline Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	(mV)
7imo 9:43 9:53 9:58	Pump Rate (L/min.) O, 1 O O, 1 O	Total Gallons	Water Level (ft TIC) [0.20	Temp. (Celsius) (3%)*	pH [0.1 units]*	(mS/cm) (3%): - - - - 0.933	Turbidity (NTU) (10% or 1 NTU) 174 5)	DO (mg/l) [10% or 0.1 mg/l]*	(mV)
7ima 9:43 9:53 9:58 10:18	Pump Rate (L/min.) 0,10 0.16 0.10	Total Gallons	Water Level (R TIC) 10.20 (0.25 (0.25 /0.24	Tomp. (Colsius) (3%)*	pH [0.1 units]*	(mS/cm) [3%]: - - - 0.933	Turbidity (NTU) (10% or 1 NTU) 174 5)	DO (mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]* -3/6.3
9:43 9:53 9:58 18:18 10:23	Pump Rate (L/min.) O, 1 O	Total Gallons	Water Level (R TIC) 10.20 (0.25 (0.25 (0.34 (0.34 (0.38	Tomp. (Colsius) (3%)*	pH [0 1 units].	(mS/cm) (3%): U.933 U.930 U.931	Turbidity (NTU) (10% or 1 NTU) 174 51 13 9	00 (mg/l) [10% or 0.1 mg/l]. 3,00 3,68 3,49	(mV) [10 mV]* -3260 -325.7
7imo 9:43 9:53 9:58 10:18 10:23 10:23	Pump Rate (L/min.) O.10 O.15 O.15 O.10 O.10 O.10 O.10	Total Gallons	Water Level (R TIC) 10.20 (0.25 (0.25 /0.24	Tamp. (Colsius) (3%)** 	pH [0 1 units]*	(ms/cm) (1%)' - - - 0.933 0.931 0.931	Turbidity (NTU) (10% or 1 NTU) 174 5) 13	00 (mg/l) (10% or 0.1 mg/l) 3,00 2,68 3,79 7,32	(mV) [10 mV]* - 3/6.3 - 306.0 - 330.5
71mo 9:43 9:53 9:58 10:18 10:23 10:33 10:33	Pump Rate (L/min.) O.10 O.15 O.15 O.10 O.10 O.10 O.10 O.10 O.10	Total Gallons	Water Level (R TIC) 10.20 (0.25 (0.25 (0.34 (0.34 (0.38	Tamp. (Colsius) (3%)*	(0 1 units) (0 1 units) (0 . 70 (0 . 80 (0 . 60 (0 .	(mS/cm) (1%)' - - - 0.933 0.931 0.935 0.939	Turbidity (NTU) (10% or 1 NTU) (74 5) (3	00 (mg/l) [10% or 0.1 mg/l]. 3,00 3,68 3,49	(mV) [10 mV]* -3260 -325.7
7imo 9:43 9:53 9:58 10:18 10:23 10:23	Pump Rate (L/min.) O.10 O.15 O.15 O.10 O.10 O.10 O.10	Total Gallons	Water Level (R TIC) 10.20 (0.25 (0.25 (0.34 (0.34 (0.38	Tamp. (Colsius) (3%)** 	pH [0 1 units]*	(ms/cm) (1%)' - - - 0.933 0.931 0.931	Turbidity (NTU) (10% or 1 NTU) 174 51 13 9	00 (mg/l) (10% or 0.1 mg/l) 3,00 2,68 3,79 7,32	(mV) [10 mV]* - 3/6.3 - 326.0 - 330.5
71mo 9:43 9:53 9:58 10:18 10:23 10:33 10:33	Pump Rate (L/min.) O.10 O.15 O.15 O.10 O.10 O.10 O.10 O.10 O.10	Total Gallons	Water Level (R TIC) 10.20 (0.25 (0.25 (0.34 (0.34 (0.38	Tamp. (Colsius) (3%)*	(0 1 units) (0 1 units) (0 . 70 (0 . 80 (0 . 60 (0 .	(mS/cm) (1%)' - - - 0.933 0.931 0.935 0.939	Turbidity (NTU) (10% or 1 NTU) (74 5) (3	00 (mg/l) (10% or 0.1 mg/l) 3,00 2,68 3,79 7,32	(mV) [10 mV]* -3/6.3 -326.0 -325.7 -330.5
71mo 9:43 9:53 9:58 10:18 10:23 10:33 10:33	Pump Rate (L/min.) O.10 O.10 O.10 O.10 O.10 O.10 O.10 O.10 O.10	Total Gallons	Water Level (R TIC) 10.20 (0.25 (0.25 (0.34 (0.34 (0.38	Tamp. (Colsius) (3%)*	(0 1 units) (0 1 units) (0 . 70 (0 . 80 (0 . 60 (0 .	(mS/cm) (1%)' - - - 0.933 0.931 0.935 0.939	Turbidity (NTU) (10% or 1 NTU) (74 5) (3	00 (mg/l) (10% or 0.1 mg/l) 3,00 2,68 3,79 7,32	(mV) [10 mV]* -3/6.3 -326.0 -325.7 -330.5
9:43 9:53 9:58 10:33 0:33 10:33 10:33	Pump Rate (L/min.) O, 1 O	Total Gallons Removed	Water Level (ft TiC) [0,20 (0,25 (0,25 (0,24 (0,26 10,38 10,31 (0,3)	Tamp. (Colsius) (3%)**	(0 1 units) (0 1 units) (0 . 70 (0 . 80 (0 . 4 8 7.03 7.05	(ms/cm) (1%)" 	Turbidity (NTU) (10% or 1 NTU) 174 51 13 9	200 (mg/l) (10% or 0.1 mg/l) ((mV) [10 mV]* -3/6.3 -326.0 -325.7 -330.5
7:10:33 9:53 9:58 10:33 10:33 10:33 10:38	Pump Rate (L/min.) 0.10 0.15 0.10 0.10 0.10 0.10 0.10 0.1	Total Gallons Removed	Water Level (ft TIC) [0.20 (0.32 (0.35 /0.34 (0.36 10.36 10.31 [0.31	Tamp. (Colsius) (3%)**	(0 1 units) (0 1 units) (0 . 70 (0 . 80 (0 . 4 8 7.03 7.05	(ms/cm) (1%)" 	Turbidity (NTU) (10% or 1 NTU) 174 51 13 9	200 (mg/l) (10% or 0.1 mg/l) ((mV) [10 mV]* -3/6.3 -326.0 -325.7 -330.5
7:10:33 9:53 9:58 10:33 10:33 10:33 10:38	Pump Rate (L/min.) O, 1 O	Total Gallons Removed	Water Level (ft TIC) [0.20 (0.32 (0.35 /0.34 (0.36 10.36 10.31 [0.31	Tamp. (Colsius) (3%)**	(0 1 units) (0 1 units) (0 . 70 (0 . 80 (0 . 4 8 7.03 7.05	(ms/cm) (1%)" 	Turbidity (NTU) (10% or 1 NTU) 174 51 13 9	00 (mg/l) (10% or 0.1 mg/l) 3,00 2,68 3,79 7,32	(mV) [10 mV]* -3/6.3 -326.0 -325.7 -330.5
7:10:33 9:53 9:58 10:33 10:33 10:33 10:38	Pump Rate (L/min.) 0.10 0.15 0.10 0.10 0.10 0.10 0.10 0.1	Total Gallons Removed	Water Level (ft TIC) [0.20 (0.32 (0.35 /0.34 (0.36 10.36 10.31 [0.31	Tamp. (Colsius) (3%)**	(0 1 units) (0 1 units) (0 . 70 (0 . 80 (0 . 4 8 7.03 7.05	(ms/cm) (1%)" 	Turbidity (NTU) (10% or 1 NTU) 174 51 13 9	200 (mg/l) (10% or 0.1 mg/l) ((mV) [10 mV]* -3/6.3 -326.0 -325.7 -330.5
7:10:33 9:53 9:58 10:33 10:33 10:33 10:38	Pump Rate (L/min.) 0.10 0.15 0.10 0.10 0.10 0.10 0.10 0.1	Total Gallons Removed	Water Level (ft TIC) [0.20 (0.32 (0.35 /0.34 (0.36 10.36 10.31 [0.31	Tamp. (Colsius) (3%)**	(0 1 units) (0 1 units) (0 . 70 (0 . 80 (0 . 4 8 7.03 7.05	(ms/cm) (1%)" 	Turbidity (NTU) (10% or 1 NTU) 174 51 13 9	200 (mg/l) (10% or 0.1 mg/l) ((mV) [10 mV]* -3/6.3 -326.0 -325.7 -330.5
7:10:33 9:53 9:58 10:33 10:33 10:33 10:38	Pump Rate (L/min.) 0.10 0.15 0.10 0.10 0.10 0.10 0.10 0.1	Total Gallons Removed	Water Level (ft TIC) [0.20 (0.32 (0.35 /0.34 (0.36 10.36 10.31 [0.31	Tamp. (Colsius) (3%)**	(0 1 units) (0 1 units) (0 . 70 (0 . 80 (0 . 4 8 7.03 7.05	(ms/cm) (1%)" 	Turbidity (NTU) (10% or 1 NTU) 174 51 13 9	200 (mg/l) (10% or 0.1 mg/l) ((mV) [10 mV]* -3/6.3 -326.0 -325.7 -330.5
7:10:33 9:53 9:58 10:33 10:33 10:33 10:38	Pump Rate (L/min.) 0.10 0.15 0.10 0.10 0.10 0.10 0.10 0.1	Total Gallons Removed	Water Level (ft TIC) [0.20 (0.32 (0.35 /0.34 (0.36 10.36 10.31 [0.31	Tamp. (Colsius) (3%)**	(0 1 units) (0 1 units) (0 . 70 (0 . 80 (0 . 4 8 7.03 7.05	(ms/cm) (1%)" 	Turbidity (NTU) (10% or 1 NTU) 174 51 13 9	200 (mg/l) (10% or 0.1 mg/l) ((mV) [10 mV]* -3/6.3 -326.0 -325.7 -330.5
Time 9:43 9:53 9:58 10:18 10:33 10:33 10:33 10:38 10:42	Pump Rate (L/min.) O.10	Total Gallons Removed	Water Level (ft TIC) [0.20 (0.32 (0.35 /0.34 (0.36 10.36 10.31 [0.31	Tamp. (Colsius) (3%)**	(0 1 units) (0 1 units) (0 . 70 (0 . 80 (0 . 4 8 7.03 7.05	(ms/cm) (1%)" 	Turbidity (NTU) (10% or 1 NTU) 174 51 13 9	200 (mg/l) (10% or 0.1 mg/l) ((mV) [10 mV]* -3/6.3 -326.0 -325.7 -330.5
Time 9:43 9:53 9:58 10:33 10:33 10:33 10:33 10:42 The stabilization OBSERVATION	Pump Rate (L/min.) O.10 O.10 O.10 O.10 O.10 O.10 O.10 O.10	Total Gallons Removed	Water Level (R TIC) [0, 20 (0, 25 (0, 24 (0, 26 10, 38 10, 31 (0,	Tamp. (Colsius) (3%)**	(0 1 units) (0 1 units) (0 . 70 (0 . 80 (0 . 4 8 7.03 7.05	(ms/cm) (1%)" 	Turbidity (NTU) (10% or 1 NTU) 174 51 13 9	200 (mg/l) (10% or 0.1 mg/l) ((mV) [10 mV]* -3/6.3 -326.0 -325.7 -330.5
Time Q: 43 Q: 53 Q: 58 IQ: 18 IO: 33 IO: 33 IO: 33 IO: 33 IO: 42 The stabilization OBSERVATION SAMPLE DEST Laboratory;	Pump Rate (L/min.) O.10 O.10 O.10 O.10 O.10 O.10 O.10 O.10	Total Gallons Removed	Water Level (RTIC) [0,20 (0,25 /0.24 (0,26 10.38 10.38 10.31 (0.31	Tamp. (Colsius) (3%)**	(0 1 units) (0 1 units) (0 . 70 (0 . 80 (0 . 4 8 7.03 7.05	(ms/cm) (1%)" 	Turbidity (NTU) (10% or 1 NTU) 174 51 13 9	200 (mg/l) (10% or 0.1 mg/l) ((mV) [10 mV]* -3/6.3 -326.0 -325.7 -330.5
Time Q: 43 Q: 53 Q: 58 IQ: 38 IQ: 33 IQ: 33 IQ: 33 IQ: 33 IQ: 34 The stabilization OBSERVATION SAMPLE DEST Laboratory; Delivered Via:	Pump Rate (L/min.) O.1 O	Total Gallons Removed	Water Level (RTIC) [0, 20 (0, 25 (0, 24 (0, 24 (0, 28 10, 31 (0,	Tomp. (Colsius) (3%) 13.54 13.54 (3.70 (3.70)	pH [0 1 units]* 2 . 70 (0 . 80 (0 . 80 (0 . 6 . 8 (0 . 7 . 0 . 5) (0 . 7 . 0 . 5) (0 . 8 . 7 . 0 . 5) (0 . 8 . 7 . 0 . 5) (0 . 8 . 7 . 0 . 5) (0 . 9 . 8 . 7 . 0 . 5) (0 . 9 . 8 . 7 . 0 . 5) (0 . 9 . 8 . 7 . 0 . 5) (0 . 10 . 10 . 10 . 10 . 10 . 10 . 10 .	(mS/cm) (1%)** 	Turbidity (NTU) (10% or 1 NTU) 174 51 13 9	200 (mg/l) (10% or 0.1 mg/l) ((mV) [10 mV]* -3/6.3 -326.0 -325.7 -330.5
Time Q: 43 Q: 53 Q: 58 IQ: 38 IQ: 33 IQ: 33 IQ: 33 IQ: 33 IQ: 34 The stabilization OBSERVATION SAMPLE DEST Laboratory; Delivered Via:	Pump Rate (L/min.) O.10 O.10 O.10 O.10 O.10 O.10 O.10 O.10	Total Gallons Removed	Water Level (RTIC) [0, 20 (0, 25 (0, 24 (0, 24 (0, 28 10, 31 (0,	Tomp. (Colsius) (3%) 13.54 13.54 (3.70 (3.70)	(0 1 units) (0 1 units) (0 . 70 (0 . 80 (0 . 4 8 7.03 7.05	(mS/cm) (1%)** 	Turbidity (NTU) (10% or 1 NTU) 174 51 13 9	200 (mg/l) (10% or 0.1 mg/l) ((mV) [10 mV]* -3/6.3 -326.0 -325.7 -330.5

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Pu Pin Alimo Valumo of W Ou Tima	ang Start Time Tang Stop Time es at Pamaing ater Removed (Wall Go Dry? Water Cuality N Pump Rate (Umin.)	1420 1420 124 124 124 124 124 124 124 124 124 124	water Level (If TIC)	Tump.	Porestalla, Pear Pointa Cyte Camples collect Comp S	MACSCK MACSCK Sted by same men Sp. Cond. (inStem)	tenerable Pump (### ### ###########################	Cthe#5a 2 3 3 2 6 3 10 10 10 10 10 10 10 10 10 10 10 10 10	ORP (mV)
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Pia Altinot Valume of W Oil Time	ang Start Fame ang Stop Fame es of Pampang alter Removed (Wall Go Dry? Mator Caulity N Pump Rate (Umin.)	deter Cipers (1) Gallons Reinoved 0.119 0.351	water Level (If TIC)	Tamp. (Calsius)	Perestallia Pear Pearing Cycle Samples collect Complex collect gH	MACSCK MACSCK Sted by same men Sp. Cond. (inStem)	tenerable Pump (### ### ###########################	Cther/5a 233263 N (spec 230 A C DO (mg/l)	ORP (mV)
Pu Pij Alimat Valuma at W Ou Tima 1216 1221 1226	ang Start Fame ang Stop Fame es at Pampang ater Removed (Wall Ga Dry? Nator Quality N Pump Rate (Umin.) 900	dener Copers) / 5 Fotal Gaillons Removed 0.119 0.255 8.383	Water Level (ft TIC)	Tamp. (Calsius)	Perestallia Pear Pearing Cyde Samples collec Comples collect gH	MACSCA MA	tenerable Pump (# # # # # # # # # # # # # # # # # # #	Cther/5a 233263 N (spec 230 A C DO (mg/l)	ORP (mV)
Pu Pin Minut Valume of W Ou V	ang Start Fame ang Stop Fame es of Pampang alter Removed (Wall Go Dry? Mator Caulity N Pump Rate (Umin.)	1216 1420	Water Level (ft TIC)	Tamp. (Calsius)	Perestallia Pear Pearing Cyde Samples collec Comples collect gH	MACSCK MACSCK Sted by same men Sp. Cond. (inStem)	tenerable Pump (# # # # # # # # # # # # # # # # # # #	Cther/5a 233263 N (spec 230 A C DO (mg/l)	ORP (mV)
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Pu Pin Minut Valume of W Out V	mp Start Time rep Step Tune es of Pumping alter Removed I Wall Go Dry? Nater Cuality N Pump Rate (Umin.) 90 100 100 100	1216 1420	Water Level (ft TIC)	Tamp. (Calsius)	Perestallia Pear Pearing Cyde Samples collec Comples collect gH	MACSCA MA	tenerable Parap (#/K # # ###############################	Cther/5a 233263 N (spec 230 A C DO (mg/l)	ORP (mV)
Pu Pin Minut Valume of W Out Time 1216 1221 1226 1231	mp Start Fine imp Stop Fune es at Pumping alter Removed (Wall Go Dry? Nater Cuality N Pump Rate (Umin.) 90 100 100 100 100	1216 1420 1420 124 3.2 mll V D defer Capers (1) Gallons Removed D/1/9 0.251 0.515 0.515 0.547 0.779	Water Level (It FIC) 4.93 4.95 4.96	Tamp. (Calsius)	Perestallia Pear Pearing Cyde Samples collec Comples collect gH	Sp Cond. (mS/cm)	Fundation Pump (AL DES MO Furbidity (NTU) 1:10% or 1 NTU] C F 235 102 91	Cther/5a 233263 N (spec 230 A C DO (mg/l)	ORP (mV)
Time 7.31/6 7.21/6 7.25/ 7.25/ 7.25/ 7.25/ 7.25/ 7.25/ 7.25/ 7.25/ 7.25/ 7.25/ 7.25/ 7.25/ 7.25/ 7.25/ 7.25/ 7.25/	mp Start Time rmp Stop Time es at Pamping alter Removed (Wall Go Dry? Nater Caulity N Pump Rate (Umin.) 90 100 100 100 100	1216 1420 1224 123 124 124 124 124 124 125 125 125 125 125 125 125 125 125 125	Water Level (It TIC) 4.93 4.95 4.95	Tamp. (Calsius)	Perestallia Pear Pearing Cyde Samples collec Comples collect gH	Sp Cond. (mS/cm)	tenerable Parap (#/K # # ###############################	Cther/5a 233263 N (spec 230 A C DO (mg/l)	ORP (mV)
Time 7.31/6 1236 1241	anp Start Time anp Stop Time es at Pamaing ater Removed (Wall Ca Dry? Nater Quality N Pump Rate (Umin.) 90 100 100 100 100 100 100	1216 1420 1221 124 124 124 124 124 124 124 125 125 125 125 125 125 125 125 125 125	Water Level (It TIC) 4.93 4.95 4.95	Tamp. (Calsius)	Perestallia Pear Pearing Cyde Samples collec Comples collect gH	Sp Cond. (mS/cm)	Fundation Pump (AL DES MO Furbidity (NTU) 1:10% or 1 NTU] C F 235 102 91	Cther/5a 233263 N (spec 230 A C DO (mg/l)	ORP (mV)
Time 7216 1226 1236 1241 1246 1251 1256	mp Start Time mp Stop Time es of Pumping alter Removed I Wall Ga Dry? Nator Citable N Pump Rate (Umin.) 90 100 100 100 100 100 100	12/6 1420 1420 124 3.2 mll 3.2 mll V D Gallons Ramoved 0.119 0.251 0.515 0.617 0.719 0.911 1.043 1.75	Water Level (It TIC) 4.93 4.95 4.95	Tamp. (Calsius)	Perestallia Pear Pearing Cyde Samples collec Comples collect gH	Sp Cond. (mS/cm)	Furnication Pump (### ################################	Cther/5a 233263 N (spec 230 A C DO (mg/l)	ORP (mV)
Time 7.31/6 1236 1241	anp Start Time anp Stop Time es at Pamaing ater Removed (Wall Ca Dry? Nater Quality N Pump Rate (Umin.) 90 100 100 100 100 100 100	1216 1420 1221 124 124 124 124 124 124 124 125 125 125 125 125 125 125 125 125 125	Water Level (It TIC) 4.93 4.95 4.95	Tamp. (Calsius)	perestatic Pear France France (ARC Samples collect Carp Samples (Carp Samples Collect Carp Samples (Carp Samples (Sp Cond. (mS/cm)	Turbidity (NTU) 1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02	Cther/5a 233263 N (spec 230 A C DO (mg/l)	ORP (mV)
Time 7216 1226 1236 1241 1246 1251 1256	mp Start Time mp Stop Time es of Pumping alter Removed I Wall Ga Dry? Nator Citable N Pump Rate (Umin.) 90 100 100 100 100 100 100	12/6 1420 1420 124 3.2 mll 3.2 mll V D Gallons Ramoved 0.119 0.251 0.515 0.617 0.719 0.911 1.043 1.75	Water Level (It TIC) 4.93 4.95 4.95	Tamp. (Calsius)	Perestallia Pear Pearing Cyde Samples collec Comples collect gH	Sp Cond. (mS/cm)	Furnication Pump (### ################################	Cther/5a 233263 N (spec 230 A C DO (mg/l)	ORP (mV)

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				Sampl	ling Personnel	MAH/.	tsz		
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	as at Pumping		-		-	up to the Sua	binemablii i laing	() Other/5	ресну ()
	Siter Ramoves i Wall Go Dry		-		Ритр Гурс	cted by sumo me			
Tlens	Pump Rate	Gallons	Water Level	Temp.	5984	Sp. Cond. (mS/cm)	Turbidity	00	ORP
Time ((Limin.)	Removed	(n TIC)	(Colsius) 	IO 1 unitsi*	(wesem)	(UTM)	(mg/l)	1
	[12]			1 2.2 61	1 (0) (0) (1)		THOSE SET SETTING	1109/ 0/01 0 000	(mV)
	444)	7 702	12 02	1 11 000	-11		(10% or 3 NTU)		[10 mV]*
1321	100	1.703	4.94	14.52	5.46	0.772	29	0.49	[10 mV]*
1326	100	1.835	4.94	14.57	5.44	0.772	29 25	0.49	-120-6 -120-9
1326	100	1.835	4.94	14.57		0.772	29	0.49	-120.6 -120.9 -120.1
1326	100 100	2.099	4.94	14.57	5.44	0.772	29 25 22 18	0.49 0.43 0.59 0.39	[10 mV]* -120.6 -120.9 -120.1 -120.7
1326 1336 1341	100 100 100	2,099	4.94 4.93 4.93 4.92		5.48	0.774	29 25 22 /B /7	0.49 0.43 0.59 0.39	10 mv1 -120-6 -120-9 -120-1 -120-7
1326	100 100	2.099	4.94		5.44	0.772	29 25 22 /B /7	0.49 0.43 0.59 0.39	10 mv1 -120-6 -120-9 -120-1 -120-7
1326 1336 1341	100 100 100 100 100	2,099	4.94 4.93 4.93 4.92		5.48	0.772 0.774 0.775 6.774 0.773 0.773	29 25 22 /B /7	0.49 0.43 0.59 0.39	10 mv1 -120-6 -120-9 -120-1 -120-7
1326 1336 1341	100 100 100 100	2,099	4.94 4.93 4.93 4.92		5.44 5.47 5.47 5.47	0.772	29 25 22 /B /F /7	0.43 0.59 0.39 0.33 0.32	10 mv1 -120-6 -120-9 -120-1 -120-7
1326 1336 1336 1346 1346 1351	100 100 100 100 100	2,099	4.94 4.93 4.93 4.92		5.44 5.47 5.47 5.47	0.772 0.774 0.775 6.774 0.773 0.773	29 25 22 /B /B /# /5	0.43 0.39 0.39 0.33 0.32 0.32	10 mv1 -120-6 -120-9 -120-1 -120-7
1326 1336 1336 1346 1346 1351	100 100 100 100 100	2,099	4.94 4.93 4.93 4.92	14.49 14.47 14.47 14.48 14.49	5.48 5.47 5.47 5.48 5.48 5.49	0.772 0.774 0.775 6.774 0.773 0.773	29 25 22 /B /B /# /5	0.49 0.43 0.39 0.33 0.33 0.32 0.30 0.25	10 mv1 -120-6 -120-9 -120-1 -120-7
1326 1336 1336 1346 1346 1351	100 100 100 100 100 100 100	2.099 2.231 2.363 2.495 2.607	4.93 4.93 4.92 4.92 4.92 4.93 4.93	14.49 14.47 14.47 14.48 14.49 14.50	5.48 5.47 5.47 5.48 5.48 5.49 5.49	0.772 0.775 0.775 0.774 0.774 0.773 0.773 0.772 0.772	29 25 22 /B /B /# /5	0.49 0.43 0.39 0.33 0.32 0.32 0.30 0.25	10 mv/1 -120.6 -120.9 -120.7 -120.7 -120.7 -120.7 -119.9 -120.9
1326 1331 1336 1346 1346 1351	100 100 100 100 100 100 100 100	2.099 2.231 2.363 2.495 2.607	4.93 4.93 4.92 4.92 4.92 4.93 4.93	14.49 14.47 14.47 14.48 14.49 14.50	5.48 5.47 5.47 5.48 5.48 5.49 5.49	0.772 0.775 0.775 0.774 0.774 0.773 0.773 0.772 0.772	29 25 22 /B /B /# /5	0.49 0.43 0.39 0.33 0.32 0.30 0.25 0.24 0.27	10 mv1 - 120 - 120 - 1 -120 - 1

	Well No.	(NO)	<u>G-2</u>		Site/0	GMA Name	(FM)	<u>4-3</u>		
	Key No.				Sampling	Personnel _	JAL			
	PID Backgro	(mag) bnuc				Date _	<u>10181</u>			
	_	pace (ppm)				Weather	Sunn	y clear	,76's (°	=)
	***************************************	F (FF) _						1		•
,	WELL INFORMAT	TION				7		Sample Time _	13:30	
		oint Marked?	OF AND	top of bro	oten pro	c (highe	ist point)	Sample ID _	<u> OBG-2</u>	
		ference Point_		Meas. From _		ر	, ,	Duplicate ID _		·
	=		7 3	_				MS/MSD		
		Vell Diameter_	3-14-4	Meas. From _	BG5_			Split Sample ID	,	
		nterval Depth _	4.81	Meas. From	TIC.			_		 :
C:"1		Table Depth _ Well Depth _	14 87	Meas. From _	TIC -		Required	Analytical F	Parameters:	Collected
"3911 b	xitcm >	_vveir Deptin_ _vater Column	10,00				()	VOCs (Std. list)	()
			21.60	a 0			(×)	VOCs (Exp. list)	(🟏)
		Water in Well_	5.03	Meas. From _	TIC-			SV	OCs	()
	Intake Depth of	Pump/Tubing_	9.84	Meas. From _			()	PCBs		()
			4.24				()) issolved)	()
	Reference Point I						, ,	•	ganics (Total)	()
	TIC: Top of Inner						, ,	_	rics (Dissolved)	()
	TOC: Top of Out	er (Protective)	Casing				()	*	/PCDFs	()
	Grade/BGS: Gro	und Surface					()			,
							()		/Herbicides	()
	Redevelop?	((N)					()		Attenuation	()
							()	Other (Specify)	()
	EVACUATION IN	FORMATION								
	Pun	np Start Time	_u5l						.	
		np Stop Time	1338_		E	Evacuation Met			ump 🔀	
		s of Pumping	73		F	Peristaltic Pum		bmersible Pump (ecify ()
	Volume of Wa		2.520	zl l		Pump Type:	Marsch	alk Sys	stem 1	4233203
		Well Go Dry?	Y (NO		5	Samples collec	ted by same me	thod as evacuatior	1? (Y) N (speci	fy)
	Did								•	4
	W	ater Quality M	eter Type(s) / Se	rial Numbers:	XSI	556_		392 AF		3-6
		•			HACH	tuck	pid mrt	<u> </u>	0000 28.	524
		Bumn								
	1 1	runio	Total	Water	Temp.	рH	Sp. Cond.	Turbidity	DO	ORP
	Time	Pump Rate	Total Gailons	Water Level	Temp. (Celsius)	рн	Sp. Cond. (mS/cm)	(NTU)	(mg/l)	ORP (mV)
	Time	Rate	i 1		· 1	pH [0.1 units]*	1 -	(NTU) [10% or 1 NTU]*		ORP
		Rate (∟/min.)	Gailons	Level (ft TIC)	(Celsius)		(mS/cm)	(NTU)	(mg/l)	ORP (mV)
	Time 1152	Rate (⊔/min.)	Gailons	Level	(Celsius)		(mS/cm)	(NTU) [10% or 1 NTU]*	(mg/l)	ORP (mV)
		Rate (L/min.)	Gailons Removed	Level (ft TIC) 5,140 5,42	(Celsius)		(mS/cm)	(NTU) [10% or 1 NTU]*	(mg/l)	ORP (mV)
		Rate (L/min.)	Gallons Removed	Level (ft TIC) 5,140 5,42 5.42	(Celsius)		(mS/cm) [3%]*	(NTU) [10% or 1 NTU]*	(mg/l)	ORP (mV)
0.3995 <u>~</u>		Rate (L/min.) (O) (O)	Gallons Removed	Level (ft TIC) 5,116 5,42 5.42 5.42	(Cetsius) [3%]*		(mS/cm) [3%]*	(NTU) [10% or 1 NTU]* 136 214 178 150	(mg/l)	ORP (mV)
O.3995 <i>←</i>	1152 1157 1202 1201 1212	Rate (L/min.) (OO (OO (OO (OO)	Gallons Removed O. 1349 O. 2672 P1. 5960 O.53 &	Level (ft TIC) 5,16 5,42 5,42 5,42	(Celsius)		(mS/cm) [3%]*	(NTU) (10% or 1 NTU)* 136 214 178	(mg/l)	ORP (mV) [10 mV]*
O.3995 ←	1152 1157 1202 1207 1212 1217	Rate (L/min.) (OO (OO) (OO) (OO) (OO) (OO) (OO) (OO) (OO)	Gallons Removed O, 1349 O, 2672 P1, 5964 O,5318 O,do41	Level (ft TIC) 5,140 5,42 5,42 5,42 5,42 5,42	(Cetsius) [3%]*		(mS/cm) [3%]*	(NTU) [10% or 1 NTU]* 136 214 178 150 135	(mg/l)	ORP (mV) [10 mV]*
O.3995 ←	1152 1157 1202 1201 1212	Rate (L/min.) LOO (OO) LOO (OO) LOO (OO) LOO (OO) LOO (OO)	Gallons Removed O. 1349 O. 2672 F1. 5969 O.5318 O.(dp41	Level (ft TIC) 5,16 5,42 5,42 5,42 5,42 5,42 5,42	(Cetsius) [3%]*		(mS/cm) [3%]*	(NTU) [10% or 1 NTU]* 136 214 178 150	(mg/l)	ORP (mV) [10 mV]*
O∙3995 <u>←</u>	1152 1157 1202 1207 1212 1217	Rate (L/min.) (OO (OO) (OO) (OO) (OO) (OO) (OO) (OO) (OO)	Gallons Removed	Level (ft TIC) 5,16 5,42 5,42 5,42 5,42 5,42 5,42 5,42	(Cetsius) [3%]*	[0.1 units]*	(mS/cm) [3%]*	(NTU) [10% or 1 NTU]* 136 214 178 150 135	(mg/l)	ORP (mV) [10 mV]*
O.3995 <u>←</u>	1152 1157 1202 1207 1212 1217	Rate (L/min.) LOO (OO) LOO (OO) LOO (OO) LOO (OO) LOO (OO)	Gallons Removed O. 1349 O. 2672 F1. 5960 O. 5318 O. (4041 O. 79 164 O. 9287	Level (ft TIC) 5,42 5,42 5,42 5,42 5,42 5,42 5,42 5,32	(Celsius) [3%]*	[0.1 units]*	(mS/cm) [3%]*	(NTU) [10% or 1 NTU]* 136 214 178 150 135	(mg/l)	ORP (mV) [10 mV]*
O.3995 ←	1152 1157 1202 1207 1212 1217	Rate (L/min.) (O) (O) (O) (O) (O) (O) (O) (O) (O) (O	Gallons Removed	Level (ft TIC) 5,42 5,42 5,42 5,42 5,42 5,42 5,32 5,35	(Celsius) [3%]*	[0.1 units]*	(mS/cm) [3%]*	(NTU) [10% or 1 NTU]* 136 214 178 150 135 117 95 89 79 79	(mg/l)	ORP (mV) [10 mV]*
O.3995 ←	1152 1157 1202 1207 1212 1217	Rate (L/min.) (CO) (CO) (CO) (CO) (CO) (CO) (CO) (CO	Gallons Removed	Level (ft TIC) 5,16 5,42 5,42 5,42 5,42 5,42 5,32 5,35 5,35	(Celsius) [3%]*	[0.1 units]*	(mS/cm) [3%]*	(NTU) [10% or 1 NTU]* 136 214 178 150 135	(mg/l)	ORP (mV) [10 mV]*
O.3995 ←	1152 1157 1202 1207 1212 1217 1222 1237 1232 1247	Rate (L/min.) LOO IOO IOO IOO IOO IOO IOO IOO IOO IOO	Gallons Removed O. 1349 O. 2672 P1. 5960 O. 5318 O. (4041 O. 79 64 O. 9287 1.00 10 [.1933 J. 3256	Level (ft TIC) 5,42 5,42 5,42 5,42 5,42 5,42 5,35 5,35 5,35	(Cetsius) [3%]*	[0.1 units]*	(mS/cm) [3%]*	(NTU) [10% or 1 NTU]* 13G 214 178 15G 135 117 95 89 79 79 79 79 79	(mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
0.3995 <u>←</u>	1152 1157 1202 1207 1212 1217 1222 1227 1232 12:37 1242 1247	Rate (L/min.) (O) (O) (O) (O) (O) (O) (O) (O) (O) (Gallons Removed	Level (ft TIC) 5,16 5,42 5,42 5,42 5,42 5,42 5,35 5,35 5,35 ter (three conse	(Cetsius) [3%]*	[0.1 units]*	(mS/cm) [3%]*	(NTU) [10% or 1 NTU]* 136 214 178 150 1.35 117 95 89 76 76 16 62 vals) is listed in ea	(mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
0.3995 <u>←</u>	1152 1157 1202 1207 1212 1217 1222 1227 1232 12:37 1242 1247	Rate (L/min.) (O) (O) (O) (O) (O) (O) (O) (O) (O) (Gallons Removed	Level (ft TIC) 5,16 5,42 5,42 5,42 5,42 5,42 5,35 5,35 5,35 ter (three conse	(Cetsius) [3%]*	[0.1 units]*	(mS/cm) [3%]*	(NTU) [10% or 1 NTU]* 136 214 178 150 1.35 117 95 89 76 76 16 62 vals) is listed in ea	(mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
0.3995 _←	1152 1157 1202 1207 1212 1217 1222 1227 1232 12:37 1242 1247 * The stabilization	Rate (L/min.) LOO LOO LOO LOO LOO LOO LOO L	Gallons Removed O. 1349 O. 2672 P1. 5960 O.5318 O.(dp41 O.79164 O.9287 1.01610 [.1933 J.3256 1.4579 ach field parame METHOD DEVI	Level (ft TIC) 5,16 5,42 5,42 5,42 5,42 5,42 5,35 5,35 5,35 ter (three conse	(Cetsius) [3%]*	[0.1 units]*	(mS/cm) [3%]*	(NTU) [10% or 1 NTU]* 136 214 178 150 1.35 117 95 89 76 76 16 62 vals) is listed in ea	(mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
0.3995 _←	1152 1157 1202 1207 1212 1217 1222 1227 1232 12:37 1242 1247 * The stabilization	Rate (L/min.) (O) (O) (O) (O) (O) (O) (O) (O) (O) (Gallons Removed O. 1349 O. 2672 P1. 5960 O.5318 O.(dp41 O.79164 O.9287 1.01610 [.1933 J.3256 1.4579 ach field parame METHOD DEVI	Level (ft TIC) 5,16 5,42 5,42 5,42 5,42 5,42 5,35 5,35 5,35 ter (three conse	(Cetsius) [3%]*	[0.1 units]*	(mS/cm) [3%]*	(NTU) [10% or 1 NTU]* 136 214 178 150 1.35 117 95 89 76 76 16 62 vals) is listed in ea	(mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
0.3995 _←	1152 1157 1202 1207 1212 1217 1222 1227 1232 12:37 1242 1247 * The stabilization	Rate (L/min.) LOO LOO LOO LOO LOO LOO LOO L	Gallons Removed O. 1349 O. 2672 F1. 5960 O.5318 O.(dp41 O.79164 O.9287 1.01610 [.1933 J.3256 1.4579 ach field parame METHOD DEVI	Level (ft TIC) 5,16 5,42 5,42 5,42 5,42 5,42 5,35 5,35 5,35 ter (three conse	(Cetsius) [3%]*	[0.1 units]*	(mS/cm) [3%]*	(NTU) [10% or 1 NTU]* 136 214 178 150 1.35 117 95 89 76 76 16 62 vals) is listed in ea	(mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
0.39 9 5 ←	1152 1157 1202 1207 1212 1217 1222 1227 1232 12:37 1242 1247 * The stabilization	Rate (L/min.) LOO LOO LOO LOO LOO LOO LOO L	Gallons Removed O. 1349 O. 2672 F1. 5960 O.5318 O.(dp41 O.79164 O.9287 1.01610 [.1933 J.3256 1.4579 ach field parame METHOD DEVI	Level (ft TIC) 5,16 5,42 5,42 5,42 5,42 5,42 5,35 5,35 5,35 ter (three conse	(Cetsius) [3%]*	[0.1 units]*	(mS/cm) [3%]*	(NTU) [10% or 1 NTU]* 136 214 178 150 1.35 117 95 89 76 76 16 62 vals) is listed in ea	(mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
0.39 95 ←	1152 1157 1202 1207 1212 1217 1222 1237 1237 1247 1247 The stabilization	Rate (L/min.) LOO LOO LOO LOO LOO LOO LOO LOO LOO L	Gallons Removed O. 1349 O. 2672 F1. 5960 O.5318 O.(dp41 O.79164 O.9287 1.01610 [.1933 J.3256 1.4579 ach field parame METHOD DEVI	Level (ft TIC) 5,16 5,42 5,42 5,42 5,42 5,42 5,35 5,35 5,35 ter (three conse	(Cetsius) [3%]*	[0.1 units]*	(mS/cm) [3%]*	(NTU) [10% or 1 NTU]* 136 214 178 150 1.35 117 95 89 76 76 16 62 vals) is listed in ea	(mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
0.39 95 ←	1152 1157 1202 1207 1212 1217 1222 1237 1232 1237 1247 * The stabilization OBSERVATION PACTIC	Rate (L/min.) (O) (O) (O) (O) (O) (O) (O) (O) (O) (O	Gallons Removed O. 1349 O. 2672 F1. 5960 O.5318 O.(dp41 O.79164 O.9287 1.01610 [.1933 J.3256 1.4579 ach field parame METHOD DEVI	Level (ft TIC) 5,16 5,42 5,42 5,42 5,42 5,42 5,35 5,35 5,35 ter (three conse	(Cetsius) [3%]*	[0.1 units]*	(mS/cm) [3%]* 105-minute inter	(NTU) [10% or 1 NTU]* 136 214 178 150 1.35 117 95 89 79 79 79 16 62 59 vals) is listed in ea	(mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]
0.3995 ←	1152 1157 1202 1207 1212 1217 1222 1237 1237 1247 1247 The stabilization	Rate (L/min.) LOO LOO LOO LOO LOO LOO LOO LOO LOO L	Gallons Removed O. 1349 O. 2672 F1. 5960 O.5318 O.(dp41 O.79164 O.9287 1.01610 [.1933 J.3256 1.4579 ach field parame METHOD DEVI	Level (ft TIC) 5,16 5,42 5,42 5,42 5,42 5,42 5,35 5,35 5,35 ter (three conse	(Cetsius) [3%]*	[0.1 units]*	(mS/cm) [3%]* 105-minute inter	(NTU) [10% or 1 NTU]* 136 214 178 150 1.35 117 95 89 79 79 79 16 62 59 vals) is listed in ea	(mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]
0.39 95 ←	1152 1157 1202 1207 1212 1217 1222 1227 1232 1237 1247 * The stabilization Castron Cas	Rate (L/min.) LOO LOO LOO LOO LOO LOO LOO LOO LOO L	Gallons Removed O. 1349 O. 2672 F1. 5960 O.5318 O.(dp41 O.79164 O.9287 1.01610 [.1933 J.3256 1.4579 ach field parame METHOD DEVI	Level (ft TIC) 5,16 5,42 5,42 5,42 5,42 5,42 5,35 5,35 5,35 ter (three conse	(Cetsius) [3%]*	[0.1 units]*	(mS/cm) [3%]* 105-minute inter	(NTU) [10% or 1 NTU]* 136 214 178 150 1.35 117 95 89 79 79 79 16 62 59 vals) is listed in ea	(mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]
0.39 9 5 ←	1152 1157 1202 1207 1212 1217 1222 1237 1237 1247 1247 The stabilization	Rate (L/min.) LOO LOO LOO LOO LOO LOO LOO LOO LOO L	Gallons Removed O. 1349 O. 2672 F1. 5960 O.5318 O.(dp41 O.79164 O.9287 1.01610 [.1933 J.3256 1.4579 ach field parame METHOD DEVI	Level (ft TIC) 5,16 5,42 5,42 5,42 5,42 5,42 5,35 5,35 5,35 ter (three conse	(Cetsius) [3%]*	[0.1 units]*	(mS/cm) [3%]* 105-minute inter	(NTU) [10% or 1 NTU]* 136 214 178 150 1.35 117 95 89 79 79 79 16 62 59 vals) is listed in ea	(mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]

Well No.	OBG	-2_			iMA Name Personnei	(-MA	-3 KLB		
Key No.				Sampling		1015			
PID Backgro	ound (ppm) _				Date		<u> </u>		
Well Heads	pace (ppm) _				Weather		, , ,		
							Sample Time	1320	
WELL INFORMAT	TION	_					_	C26 = 2	
Reference P		(Y) N					Sample ID		
	ference Point _	Clush	Meas. From _	BG-S_			Duplicate ID		
-		7 (1)					MS/MSD _		
	Vell Diameter _	3-14-4	Meas. From _	BES			Split Sample ID _		
	nterval Depth _	7 817	Meas. From _	410					
Water	r Table Depth _	14.87	Meas. From _			Required	Analytical Pa	arameters:	Collected
	Well Depth _		Wieas. I Tolli _			()	VOCs (S	Std. list)	()
Length of V	Vater Column _	10.66	0			(X)	VOCs (E	xp. list)	(X)
Volume of	Water in Well _	1.600	X	710			SVC)Cs	()
Intake Depth of	Pump/Tubing _	9.84	Meas. From _	110		, ,	PCBs (()
		•				()	PCBs (Di		()
Reference Point I	Identification:					()			()
TIC: Top of Inne						()	Metals/Inorg		, ,
TOC: Top of Out		Casing				()	Metals/Inorgani		()
Grade/BGS: Gro						()	PCDDs/		()
Grade/BGS: Gro	unu Sunace					()	Pesticides/	Herbicides	()
	. 🛆					()	Natural A	ttenuation	()
Redevelop?	Y (N)					()	Other (Specify)	()
Pui Minute Volume of W	mp Start Time mp Stop Time mp Stop Time es of Pumping ater Removed Well Go Dry?	1151 1338 2.52 go	Y		Evacuation Met Peristaltic Pump Pump Type: Samples collect	MARSC	bmersible Pump (SHEM	33203
				VC1 55	12 120	1290 B	LE		
٧	Water Quality M	eter Type(s) / Se	riai Numbers:	YS1 55			F 0210	0002932	29
v	Water Quality M	eter Type(s) / Se	rial Numbers:	HACH -	TURIBID	imete		0002832	
·	Nater Quality M	eter Type(s) / Se	riai Numbers: Water	YS (55 HACH Temp.		Sp. Cond.	Turbidity	00	ORP
				HACH -	TURISID PH	Sp. Cond. (mS/cm)	Turbidity (NTU)	DO (mg/l)	ORP (mV)
Time	Pump Rate	Total	Water Level (ft TIC)	HACH Temp.	TURIBID	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	00	ORP
	Pump Rate (L/min.)	Total Gallons	Water Level (ft TIC)	Temp. (Celsius)	TURISID PH	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l)	ORP (mV)
Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]* 54	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
Time 1252	Pump Rate (L/min.)	Total Gallons Removed 1.5902	Water Level (ft TIC) 5.35 5.32	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]* - - 2 . 1 4	ORP (mV) [10 mV]*
Time 1252 1257 1311	Pump Rate (L/min.) \OC\	Total Gallons Removed 1.5902 1.7225 2.0929	Water Level (ft TIC) 5.35 5.32 5.32	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]* 54 50 64	00 (mg/l) [10% or 0.4 mg/l]* 2 . 1 4 0 5 4	ORP (mV) [10 mV]*
Time 1252 1257 1311 1315	Pump Rate (L/min.) \OC \OC \OC \OC	Total Gallons Removed 1.5902 1.7225 2.0929 2.2252	Water Level (ft TIC) 5.35 5.32 5.32 5.32	Temp. (Celsius) [3%]*	pH [0.1 units]* [0.70]	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]* 54 50 4 50 53	DO (mg/l) [10% or 0.1 mg/l]* - - 2 . 1 4	ORP (mV) [10 mV]*
Time 1252 1257 1311 1315 1319	Pump Rate (L/min.) \OC \OC \OC \OC \OC \OC \OC \OC \OC \OC	Total Gallons Removed 1.5902 1.7225 2.0929 2.2252 2.3575	Water Level (ft TIC) 5.35 5.32 5.32 5.32 5.32	Temp. (Celsius) [3%]* - 24.91 23.08 22.71	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* 	Turbidity (NTU) [10% or 1 NTU]* 54 50 64	00 (mg/l) [10% or 0.4 mg/l]* 2 . 1 4 0 5 4	ORP (mV) [10 mV]*
Time 1252 1257 1311 1315	Pump Rate (L/min.) \OC \OC \OC \OC \OC \OC \OC \OC \OC \OC	Total Gallons Removed 1.5902 1.7225 2.0929 2.2252	Water Level (ft TIC) 5.35 5.32 5.32 5.32 5.32	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* 	Turbidity (NTU) [10% or 1 NTU]* 54 50 4 50 53	00 (mg/l) [10% or 0.1 mg/l]* 2 .1 4 0 .5 4	ORP (mV) [10 mV]*
Time 1252 1257 1311 1315 1319	Pump Rate (L/min.) \OC \OC \OC \OC \OC \OC \OC \OC \OC \OC	Total Gallons Removed 1.5902 1.7225 2.0929 2.2252 2.3575	Water Level (ft TIC) 5.35 5.32 5.32 5.32 5.32	Temp. (Celsius) [3%]* - 24.91 23.08 22.71	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* 	Turbidity (NTU) [10% or 1 NTU]* 54 50 4 50 53	00 (mg/l) [10% or 0.1 mg/l]* 2 .1 4 0 .5 4	ORP (mV) [10 mV]*
Time 1252 1257 1311 1315 1319	Pump Rate (L/min.) \OC \OC \OC \OC \OC \OC \OC \OC \OC \OC	Total Gallons Removed 1.5902 1.7225 2.0929 2.2252 2.3575	Water Level (ft TIC) 5.35 5.32 5.32 5.32 5.32	Temp. (Celsius) [3%]* - 24.91 23.08 22.71	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* 	Turbidity (NTU) [10% or 1 NTU]* 54 50 4 50 53	00 (mg/l) [10% or 0.1 mg/l]* 2 .1 4 0 .5 4	ORP (mV) [10 mV]*
Time 1252 1257 1311 1315 1319	Pump Rate (L/min.) \OC \OC \OC \OC \OC \OC \OC \OC \OC \OC	Total Gallons Removed 1.5902 1.7225 2.0929 2.2252 2.3575	Water Level (ft TIC) 5.35 5.32 5.32 5.32 5.32	Temp. (Celsius) [3%]* - 24.91 23.08 22.71	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* 	Turbidity (NTU) [10% or 1 NTU]* 54 50 4 50 53	00 (mg/l) [10% or 0.1 mg/l]* 2 .1 4 0 .5 4	ORP (mV) [10 mV]*
Time 1252 1257 1311 1315 1319	Pump Rate (L/min.) \OC \OC \OC \OC \OC \OC \OC \OC \OC \OC	Total Gallons Removed 1.5902 1.7225 2.0929 2.2252 2.3575	Water Level (ft TIC) 5.35 5.32 5.32 5.32 5.32	Temp. (Celsius) [3%]* - 24.91 23.08 22.71	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* 	Turbidity (NTU) [10% or 1 NTU]* 54 50 4 50 53	00 (mg/l) [10% or 0.1 mg/l]* 2 .1 4 0 .5 4	ORP (mV) [10 mV]*
Time 1252 1257 1311 1315 1319	Pump Rate (L/min.) \OC \OC \OC \OC \OC \OC \OC \OC \OC \OC	Total Gallons Removed 1.5902 1.7225 2.0929 2.2252 2.3575	Water Level (ft TIC) 5.35 5.32 5.32 5.32 5.32	Temp. (Celsius) [3%]* - 24.91 23.08 22.71	pH [0.1 units]* [0.70] [0.77] [0.68]	Sp. Cond. (mS/cm) [3%]* 	Turbidity (NTU) [10% or 1 NTU]* 54 50 4 50 53	00 (mg/l) [10% or 0.1 mg/l]* 2 .1 4 0 .5 4	ORP (mV) [10 mV]*
Time 1252 1257 1311 1315 1319 1323	Pump Rate (L/min.) \OO \OO \OO \OO \OO \OO \OO \OO \OO	Total Gallons Removed 1.5902 1.7225 2.0929 2.7252 2.3575 2.459\$	Water Level (ft TIC) 5.35 5.32 5.32 5.32 5.32 5.32	Temp. (Celsius) [3%]*	[0.1 units]* [0.1 units]* [0.90 [0.77 [0.68 [0.67	Sp. Cond. (mS/cm) [3%]* 	Turbidity (NTU) [10% or 1 NTU]* 54 50 450 53 53	00 (mg/l) [10% or 0.1 mg/l]* 2 . 1 4 0 . 5 4 0 . 5 1	ORP (mV) [10 mV]*
Time 1252 1257 1311 1315 1319 1323	Pump Rate (L/min.) \OO \OO \OO \OO \OO \OO \OO \OO \OO \O	Total Gallons Removed 1.5902 1.7225 2.0929 2.2252 2.3575 2.4898	Water Level (ff TIC) 5.35 5.32 5.32 5.32 5.32 5.32 5.32 ATIONS	Temp. (Celsius) [3%]*	[0.1 units]* [0.1 units]* [0.90 [0.77 [0.68 [0.67	Sp. Cond. (mS/cm) [3%]* 	Turbidity (NTU) [10% or 1 NTU]* 54 50 450 53 53	00 (mg/l) [10% or 0.1 mg/l]* 2 .1 4 0 .5 4	ORP (mV) [10 mV]*
Time 1252 1257 1311 1315 1319 1323	Pump Rate (L/min.) \OO \OO \OO \OO \OO \OO \OO \OO \OO \O	Total Gallons Removed 1.5902 1.7225 2.0929 2.7252 2.3575 2.459\$	Water Level (ff TIC) 5.35 5.32 5.32 5.32 5.32 5.32 5.32 ATIONS	Temp. (Celsius) [3%]*	[0.1 units]* [0.1 units]* [0.90 [0.77 [0.68 [0.67	Sp. Cond. (mS/cm) [3%]* 	Turbidity (NTU) [10% or 1 NTU]* 54 50 450 53 53	00 (mg/l) [10% or 0.1 mg/l]* 2.14 0.54 0.51 0.46	ORP (mV) [10 mV]*
Time 1252 1257 1311 1315 1319 1323	Pump Rate (L/min.) \OO \OO \OO \OO \OO \OO \OO \OO \OO \O	Total Gallons Removed 1.5902 1.7225 2.0929 2.2252 2.3575 2.4898	Water Level (ff TIC) 5.35 5.32 5.32 5.32 5.32 5.32 5.32 ATIONS	Temp. (Celsius) [3%]*	[0.1 units]* [0.1 units]* [0.90 [0.77 [0.68 [0.67	Sp. Cond. (mS/cm) [3%]* 	Turbidity (NTU) [10% or 1 NTU]* 54 50 450 53 53	00 (mg/l) [10% or 0.1 mg/l]* 2.14 0.54 0.51 0.46	ORP (mV) [10 mV]*
Time 1252 1257 1311 1315 1319 1323	Pump Rate (L/min.) \OO \OO \OO \OO \OO \OO \OO \OO \OO \O	Total Gallons Removed 1.5902 1.7225 2.0929 2.2252 2.3575 2.4898	Water Level (ff TIC) 5.35 5.32 5.32 5.32 5.32 5.32 5.32 ATIONS	Temp. (Celsius) [3%]*	[0.1 units]* [0.1 units]* [0.90 [0.77 [0.68 [0.67	Sp. Cond. (mS/cm) [3%]* 	Turbidity (NTU) [10% or 1 NTU]* 54 50 450 53 53	00 (mg/l) [10% or 0.1 mg/l]* 2.14 0.54 0.51 0.46	ORP (mV) [10 mV]*
Time 12-52 12-57 13-11 13-15 13-19 13-23	Pump Rate (L/min.) \OO \OO \OO \OO \OO \OO \OO \OO \OO \O	Total Gallons Removed 1.5902 1.7225 2.0929 2.2252 2.3575 2.4898	Water Level (ft TIC) 5.35 5.32 5.32 5.32 5.32 5.32 5.32 ATIONS	Temp. (Celsius) [3%]*	[0.1 units]* [0.1 units]* [0.90 [0.77 [0.68 [0.67	Sp. Cond. (mS/cm) [3%]* 	Turbidity (NTU) [10% or 1 NTU]* 54 50 450 53 53	00 (mg/l) [10% or 0.1 mg/l]* 2.14 0.54 0.51 0.46	ORP (mV) [10 mV]*
Time 12-52 12-57 13-11 13-15 13-19 13-23 The stabilization	Pump Rate (L/min.) 100 100 100 100 100 100 100 100 100 10	Total Gallons Removed 1.5902 1.7225 2.0929 2.2252 2.3575 2.4898	Water Level (ft TIC) 5.35 5.32 5.32 5.32 5.32 5.32 5.32 ATIONS	Temp. (Celsius) [3%]*	[0.1 units]* [0.1 units]* [0.90 [0.77 [0.68 [0.67	Sp. Cond. (mS/cm) [3%]* 	Turbidity (NTU) [10% or 1 NTU]* 54 50 450 53 53	00 (mg/l) [10% or 0.1 mg/l]* 2.14 0.54 0.51 0.46	ORP (mV) [10 mV]*
Time 12-52 12-57 13-11 13-15 13-19 13-23 *The stabilization OBSERVATION SAMPLE DES	Pump Rate (L/min.) 100 100 100 100 100 100 100 100 100 10	Total Gallons Removed 1.5902 1.7225 2.0929 2.2252 2.3575 2.4898	Water Level (ft TIC) 5.35 5.32 5.32 5.32 5.32 5.32 5.32 ATIONS	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* 0.593 0.590 0.591	Turbidity (NTU) [10% or 1 NTU]* 54 50 450 53 53 53	00 (mg/l) [10% or 0.1 mg/l]* 2.1 4 0.5 4 0.5 1 0.4 L ch column heading.	ORP (mV) [10 mV]*
Time 12-52 12-57 13-11 13-15 13-19 13-23 *The stabilization OBSERVATION SAMPLE DES	Pump Rate (L/min.) 100 100 100 100 100 100 100 100 100 10	Total Gallons Removed 1.5902 1.7225 2.0929 2.2252 2.3575 2.4898	Water Level (ft TIC) 5.35 5.32 5.32 5.32 5.32 5.32 5.32 ATIONS	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* 0.593 0.590 0.591	Turbidity (NTU) [10% or 1 NTU]* 54 50 450 53 53 53	00 (mg/l) [10% or 0.1 mg/l]* 2.1 4 0.5 4 0.5 1 0.4 L ch column heading.	ORP (mV) [10 mV]*
Time 12-52 12-57 13-11 13-15 13-19 13-23 The stabilization OBSERVATION SAMPLE DES Laborator Delivered Via	Pump Rate (L/min.) 100 100 100 100 100 100 100 100 100 10	Total Gallons Removed 1.5902 1.7225 2.0929 2.2252 2.3575 2.4898	Water Level (ft TIC) 5.35 5.32 5.32 5.32 5.32 5.32 5.32 ATIONS	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* 0.593 0.590 0.591	Turbidity (NTU) [10% or 1 NTU]* 54 50 450 53 53 53	00 (mg/l) [10% or 0.1 mg/l]* 2.1 4 0.5 4 0.5 1 0.4 L ch column heading.	ORP (mV) [10 mV]*
Time 12-52 12-57 13-11 13-15 13-19 13-23 The stabilization OBSERVATION SAMPLE DES Laborator Delivered Via	Pump Rate (L/min.) 100 100 100 100 100 100 100 100 100 10	Total Gallons Removed 1.5902 1.7225 2.0929 2.2252 2.3575 2.4898	Water Level (ft TIC) 5.35 5.32 5.32 5.32 5.32 5.32 5.32 ATIONS	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]* 0.593 0.590 0.591	Turbidity (NTU) [10% or 1 NTU]* 54 50 450 53 53 53	00 (mg/l) [10% or 0.1 mg/l]* 2.14 0.54 0.51 0.46	ORP (mV) [10 mV]*

Appendix C

Groundwater Elevation and LNAPL Monitoring/Recovery Data



BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA \S

	Measuring		Depth	Depth to	LNAPL	Depth to	Total	DNAPL	Corrected	LNAPL	Removal
Well	Point	Date	to Water	LNAPL	Thickness	DNAPL	Depth	Thickness	Water Elev.	Daily	Total for Well
Number	(ft)	Measured	(ft BMP)	(ft BMP)	(ft)	(ft BMP)	(ft BMP)	(ft)	(ft)	(Liters)	(Liters)
002A	994.16	7/16/2004	8.38		0.00		55.40	0.00	985.78		
002A	994.16	10/13/2004	8.00		0.00		55.04	0.00	986.16		
006B	993.01	7/16/2004	6.53		0.00		9.51	0.00	986.48		
006B	993.01	8/10/2004	6.38		0.00		9.27	0.00	986.63		
006B-R	993.62	8/13/2004	7.75		0.00		14.60	0.00	985.87		
006B-R	993.62	9/16/2004	6.99		0.00		14.95	0.00	986.63		
006B-R	993.62	10/6/2004	6.42		0.00		14.84	0.00	987.20		
006B-R	993.62	10/14/2004	6.88		0.00		14.74	0.00	986.74		
016A	991.77	7/16/2004	7.48		0.00		50.99	0.00	984.29		
016A	991.77	10/14/2004	7.03		0.00		51.00	0.00	984.74		
016B-R	994.87	7/16/2004	9.64		0.00		16.38	0.00	985.23		
016B-R	994.87	10/7/2004	8.99		0.00		16.41	0.00	985.88		
016B-R	994.87	10/13/2004	9.16		0.00		16.46	0.00	985.71		
016C-R	991.47	7/16/2004	8.54		0.00		NM	0.00	982.93		
016C-R	991.47	10/13/2004	7.81		0.00		95.13	0.00	983.66		
016E	992.14	7/16/2004	6.88		0.00		49.30	0.00	985.26		
016E	992.14	8/12/2004	7.15		0.00		47.70	0.00	984.99		
039B-R	991.97	7/16/2004	6.45		0.00		13.85	0.00	985.52		
039B-R	991.97	10/13/2004	6.09		0.00		13.84	0.00	985.88		
039D	992.16	7/16/2004	6.41		0.00		66.08	0.00	985.75		
039D	992.16	10/13/2004	6.03		0.00		66.11	0.00	986.13		
039E	992.21	7/16/2004	5.85		0.00		242.00	0.00	986.36		
039E	992.21	10/13/2004	5.52		0.00		>151.00	0.00	986.69		
043A	993.79	7/15/2004	5.75		0.00		51.52	0.00	988.04		
043A	993.79	10/13/2004	5.61		0.00		51.40	0.00	988.18		
043B	993.61	7/15/2004	5.89		0.00		21.43	0.00	987.72		
043B	993.61	10/13/2004	5.81		0.00		21.40	0.00	987.80		

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA :

	Measuring		Depth	Depth to	LNAPL	Depth to	Total	DNAPL	Corrected	LNAPL	Removal
Well	Point	Date	to Water	LNAPL	Thickness	DNAPL	Depth	Thickness	Water Elev.	Daily	Total for Well
Number	(ft)	Measured	(ft BMP)	(ft BMP)	(ft)	(ft BMP)	(ft BMP)	(ft)	(ft)	(Liters)	(Liters)
050B	991.76	7/16/2004	3.44		0.00		15.03	0.00	988.32		
050B	991.76	10/13/2004	3.12		0.00		15.02	0.00	988.64		
51-05	996.44	7/15/2004	9.85	9.84	0.01		12.48	0.00	986.60		0.907
51-05	996.44	8/27/2004	11.10	10.12	0.98		12.54	0.00	986.25	0.605	
51-05	996.44	9/24/2004	10.29	9.80	0.49		12.53	0.00	986.61	0.302	
51-05	996.44	10/13/2004	9.88	9.87	0.01		12.53	0.00	986.57		
51-05	996.44	11/18/2004	10.27	10.18	0.09		12.56	0.00	986.25		
51-05	996.44	12/13/2004	9.94	9.81	0.13		12.52	0.00	986.62		
51-06	997.36	7/15/2004	10.71		0.00		14.62	0.00	986.65		
51-06	997.36	8/27/2004	10.65		0.00		14.60	0.00	986.71		
51-06	997.36	10/13/2004	10.42		0.00		14.60	0.00	986.94		
51-06	997.36	11/18/2004	10.72		0.00		14.60	0.00	986.64		
51-06	997.36	12/13/2004	10.43		0.00		14.64	0.00	986.93		
51-07	997.08	7/15/2004	10.56		0.00		11.23	0.00	986.52		
51-07	997.08	8/27/2004	10.70		0.00		11.23	0.00	986.38		
51-07	997.08	10/13/2004	10.34		0.00		11.23	0.00	986.74		
51-07	997.08	11/18/2004	10.66		0.00		11.21	0.00	986.42		
51-07	997.08	12/13/2004	10.36		0.00		11.21	0.00	986.72		
51-08	997.08	7/1/2004	10.76	10.74	0.02		14.65	0.00	986.34		12.261
51-08	997.08	7/8/2004	10.80	10.71	0.09		14.65	0.00	986.36		
51-08	997.08	7/15/2004	11.35	10.79	0.56		14.65	0.00	986.25	0.345	
51-08	997.08	7/23/2004	12.10	10.91	1.19		14.65	0.00	986.09	0.934	
51-08	997.08	7/29/2004	12.30	10.88	1.42		14.65	0.00	986.10	0.876	
51-08	997.08	8/6/2004	12.30	10.90	1.40		14.65	0.00	986.08	0.864	
51-08	997.08	8/13/2004	12.48	11.00	1.48		14.64	0.00	985.98	0.913	
51-08	997.08	8/20/2004	12.30	10.95	1.35		14.65	0.00	986.04	0.833	
51-08	997.08	8/27/2004	12.08	10.80	1.28		14.66	0.00	986.19	0.790	
51-08	997.08	9/3/2004	12.34	10.88	1.46		14.66	0.00	986.10	0.894	

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA :

	Measuring		Depth	Depth to	LNAPL	Depth to	Total	DNAPL	Corrected	LNAPL	Removal
Well	Point	Date	to Water	LNAPL	Thickness	DNAPL	Depth	Thickness	Water Elev.	Daily	Total for Well
Number	(ft)	Measured	(ft BMP)	(ft BMP)	(ft)	(ft BMP)	(ft BMP)	(ft)	(ft)	(Liters)	(Liters)
51-08	997.08	9/10/2004	12.40	10.95	1.45		14.66	0.00	986.03	0.894	12.261
51-08	997.08	9/17/2004	12.10	11.02	1.08		14.66	0.00	985.98	0.666	
51-08	997.08	9/24/2004	11.85	10.45	1.40		14.66	0.00	986.53	0.864	
51-08	997.08	9/30/2004	11.05	10.36	0.69		14.66	0.00	986.67	0.426	
51-08	997.08	10/8/2004	10.53	10.44	0.09		14.66	0.00	986.63		
51-08	997.08	10/13/2004	10.57	10.51	0.06		14.67	0.00	986.57		
51-08	997.08	10/22/2004	10.60	10.49	0.11		14.66	0.00	986.58		
51-08	997.08	10/27/2004	10.64	10.56	0.08		14.66	0.00	986.51		
51-08	997.08	11/5/2004	10.70	10.63	0.07		14.66	0.00	986.45		
51-08	997.08	11/12/2004	11.10	10.70	0.40		14.66	0.00	986.35	0.247	
51-08	997.08	11/18/2004	11.63	10.73	0.90		14.67	0.00	986.29	0.555	
51-08	997.08	11/24/2004	12.10	10.80	1.30		14.64	0.00	986.19	0.802	
51-08	997.08	12/3/2004	11.85	10.45	1.40		14.66	0.00	986.53	0.864	
51-08	997.08	12/9/2004	11.30	10.50	0.80		14.65	0.00	986.52	0.494	
51-08	997.08	12/13/2004	10.54	10.46	0.08		14.65	0.00	986.61		
51-08	997.08	12/22/2004	10.73	10.67	0.06		14.66	0.00	986.41		
51-08	997.08	12/30/2004	10.78	10.63	0.15		14.67	0.00	986.44		
51-09	997.70	7/15/2004	10.58		0.00		11.99	0.00	987.12		
51-09	997.70	8/27/2004	10.38		0.00		12.00	0.00	987.32		
51-09	997.70	10/13/2004	9.92		0.00		11.61	0.00	987.78		
51-09	997.70	11/18/2004	10.65		0.00		11.60	0.00	987.05		
51-09	997.70	12/13/2004	10.25		0.00		11.60	0.00	987.45		
51-11	994.37	7/15/2004	8.46		0.00		13.53	0.00	985.91		
51-11	994.37	10/13/2004	8.01		0.00		13.43	0.00	986.36		
51-12	996.55	7/15/2004	7.47		0.00		10.98	0.00	989.08		
51-12	996.55	10/13/2004	7.24		0.00		11.06	0.00	989.31		
51-13	997.42	7/15/2004	Dry		0.00		10.04	0.00	< 987.38		
51-13	997.42	10/13/2004	Dry		0.00		10.03	0.00	< 987.39		

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA :

	Measuring		Depth	Depth to	LNAPL	Depth to	Total	DNAPL	Corrected	LNAPL I	Removal
Well	Point	Date	to Water	LNAPL	Thickness	DNAPL	Depth	Thickness	Water Elev.	Daily	Total for Well
Number	(ft)	Measured	(ft BMP)	(ft BMP)	(ft)	(ft BMP)	(ft BMP)	(ft)	(ft)	(Liters)	(Liters)
51-14	996.77	7/15/2004	10.68		0.00		15.00	0.00	986.09		
51-14	996.77	8/27/2004	10.65		0.00		15.00	0.00	986.12		
51-14	996.77	10/7/2004	10.26		0.00		15.13	0.00	986.51		
51-14	996.77	10/13/2004	10.34		0.00		14.99	0.00	986.43		
51-14	996.77	11/18/2004	10.64		0.00		14.99	0.00	986.13		
51-14	996.77	12/13/2004	10.24	10.23	0.01		15.00	0.00	986.54		
51-15	996.43	7/15/2004	10.18	10.15	0.03		14.46	0.00	986.28		0.154
51-15	996.43	8/27/2004	10.24	10.12	0.12		14.49	0.00	986.30		
51-15	996.43	9/24/2004	10.03	9.78	0.25		14.50	0.00	986.63	0.154	
51-15	996.43	10/13/2004	9.82	9.81	0.01		14.49	0.00	986.62		
51-15	996.43	11/18/2004	10.18	10.11	0.07		14.48	0.00	986.32		
51-15	996.43	12/13/2004	9.79	9.73	0.06		14.51	0.00	986.70		
51-16R	996.39	7/15/2004	10.24	10.12	0.12		14.55	0.00	986.26	0.074	0.080
51-16R	996.39	8/27/2004	10.17	10.11	0.06		14.56	0.00	986.28		
51-16R	996.39	9/24/2004	9.75	9.74	0.01		14.56	0.00	986.65	0.006	
51-16R	996.39	10/13/2004	9.83	9.80	0.03		14.54	0.00	986.59		
51-16R	996.39	11/18/2004	10.15	10.11	0.04		14.53	0.00	986.28		
51-16R	996.39	12/13/2004	9.77	9.73	0.04		14.54	0.00	986.66		
51-17	996.43	7/15/2004	11.15	9.86	1.29		14.48	0.00	986.48	0.796	3.942
51-17	996.43	8/27/2004	11.04	9.86	1.18		14.50	0.00	986.49	0.728	
51-17	996.43	9/24/2004	10.75	9.50	1.25		14.50	0.00	986.84	0.771	
51-17	996.43	10/13/2004	11.06	9.54	1.52		14.50	0.00	986.78		
51-17	996.43	11/18/2004	11.23	9.85	1.38		14.48	0.00	986.48	0.85	
51-17	996.43	12/15/2004	10.85	9.56	1.29		14.48	0.00	986.78	0.796	

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA :

	Measuring		Depth	Depth to	LNAPL	Depth to	Total	DNAPL	Corrected	LNAPL	Removal
Well	Point	Date	to Water	LNAPL	Thickness	DNAPL	Depth	Thickness	Water Elev.	Daily	Total for Well
Number	(ft)	Measured	(ft BMP)	(ft BMP)	(ft)	(ft BMP)	(ft BMP)	(ft)	(ft)	(Liters)	(Liters)
51-18	997.12	7/15/2004	10.89		0.00		12.56	0.00	986.23		
51-18	997.12	8/27/2004	10.81		0.00		12.59	0.00	986.31		
51-18	997.12	10/13/2004	10.55		0.00		12.56	0.00	986.57		
51-18	997.12	11/18/2004	10.85		0.00		12.56	0.00	986.27		
51-18	997.12	12/13/2004	10.43		0.00		12.56	0.00	986.69		
51-19	996.43	7/15/2004	11.20	10.22	0.98		14.05	0.00	986.14	0.494	2.142
51-19	996.43	8/27/2004	10.90	10.20	0.70		14.05	0.00	986.18	0.432	
51-19	996.43	9/24/2004	10.55	9.80	0.75		14.06	0.00	986.58	0.463	
51-19	996.43	10/13/2004	10.85	9.88	0.97		14.03	0.00	986.48		
51-19	996.43	11/18/2004	11.00	10.18	0.82		14.05	0.00	986.19	0.51	
51-19	996.43	12/14/2004	10.30	9.90	0.40		14.05	0.00	986.50	0.247	
51-21	1,001.49	7/7/2004	15.21	Р	< 0.01		NM	0.00	986.28	4.548	106.878
51-21	1,001.49	7/13/2004	15.30	15.29	0.01		NM	0.00	986.20	4.548	
51-21	1,001.49	7/21/2004	15.36	Р	< 0.01		NM	0.00	986.13	5.685	
51-21	1,001.49	7/28/2004	15.40	Р	< 0.01		NM	0.00	986.09	5.685	
51-21	1,001.49	8/4/2004	15.40	Р	< 0.01		NM	0.00	986.09	5.685	
51-21	1,001.49	8/11/2004	15.66	15.65	0.01		NM	0.00	985.84	6.822	
51-21	1,001.49	8/18/2004	15.57	Р	< 0.01		NM	0.00	985.92	5.685	
51-21	1,001.49	8/24/2004	15.32	15.31	0.01		NM	0.00	986.18	4.548	
51-21	1,001.49	9/1/2004	15.48	Р	< 0.01		NM	0.00	986.01	4.548	
51-21	1,001.49	9/8/2004	15.54	Р	< 0.01		NM	0.00	985.95	5.685	
51-21	1,001.49	9/16/2004	15.56	Р	< 0.01		NM	0.00	985.93	5.685	
51-21	1,001.49	9/23/2004	14.87	Р	< 0.01		NM	0.00	986.62	4.548	
51-21	1,001.49	9/29/2004	14.79	Р	< 0.01		NM	0.00	986.70	4.548	
51-21	1,001.49	10/7/2004	14.80		0.00		NM	0.00	986.69	4.548	
51-21	1,001.49	10/13/2004	14.93		0.00		NM	0.00	986.56	2.274	
51-21	1,001.49	10/20/2004	14.88	Р	< 0.01		NM	0.00	986.61	1.137	
51-21	1,001.49	10/27/2004	14.97	Р	< 0.01		NM	0.00	986.52	2.274	

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA :

	Measuring		Depth	Depth to	LNAPL	Depth to	Total	DNAPL	Corrected	LNAPL	Removal
Well	Point	Date	to Water	LNAPL	Thickness	DNAPL	Depth	Thickness	Water Elev.	Daily	Total for Well
Number	(ft)	Measured	(ft BMP)	(ft BMP)	(ft)	(ft BMP)	(ft BMP)	(ft)	(ft)	(Liters)	(Liters)
51-21	1,001.49	11/3/2004	15.10		0.00		NM	0.00	986.39	2.27	106.878
51-21	1,001.49	11/9/2004	14.12	Р	< 0.01		NM	0.00	987.37	3.41	
51-21	1,001.49	11/17/2004	15.25	Р	< 0.01		NM	0.00	986.24	3.41	
51-21	1,001.49	11/23/2004	15.40	Р	< 0.01		NM	0.00	986.09	2.27	
51-21	1001.49	12/2/2004	14.92	Р	< 0.01		NM	0.00	986.57	5.685	
51-21	1001.49	12/8/2004	14.90	Р	< 0.01		NM	0.00	986.59	1.137	
51-21	1001.49	12/16/2004	14.90	Р	< 0.01		NM	0.00	986.59	4.548	
51-21	1001.49	12/22/2004	15.09	15.08	0.01		NM	0.00	986.41	2.274	
51-21	1001.49	12/29/2004	15.00	Р	< 0.01		NM	0.00	986.49	3.411	
054B	987.96	7/16/2004	3.70		0.00		13.06	0.00	984.26		
054B	987.96	10/13/2004	2.68		0.00		13.00	0.00	985.28		
59-01	997.52	7/15/2004	11.16		0.00		11.35	0.00	986.36		0.605
59-01	997.52	8/27/2004	11.25		0.00		11.36	0.00	986.27		
59-01	997.52	10/13/2004	10.84		0.00		11.37	0.00	986.68		
59-01	997.52	11/18/2004	11.14		0.00		11.33	0.00	986.38		
59-01	997.52	12/13/2004	10.84	10.83	0.01		11.36	0.00	986.69	0.605	
59-03R	997.64	7/15/2004	12.20	11.01	1.19		17.04	0.00	986.55	0.598	2.332
59-03R	997.64	8/27/2004	12.20	11.32	0.88		17.04	0.00	986.26	0.543	
59-03R	997.64	9/24/2004	11.90	10.98	0.92		17.04	0.00	986.60	0.568	
59-03R	997.64	10/13/2004	11.94	10.88	1.06		17.04	0.00	986.69		
59-03R	997.64	11/18/2004	12.21	11.20	1.01		17.03	0.00	986.37	0.62	
59-03R	997.64	12/15/2004	11.90	10.92	0.98		17.04	0.00	986.65		
59-07	997.96	7/15/2004	11.55		0.00		23.56	0.00	986.41		0.543
59-07	997.96	8/27/2004	11.60		0.00		23.55	0.00	986.36		
59-07	997.96	9/24/2004	11.26	11.25	0.01		23.54	0.00	986.71	0.006	
59-07	997.96	10/13/2004	11.22	11.21	0.01		23.53	0.00	986.75		
59-07	997.96	11/18/2004	11.54	11.51	0.03		23.54	0.00	986.45		
59-07	997.96	12/13/2004	11.19	11.18	0.01		23.55	0.00	986.78	0.537	

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA :

	Measuring		Depth	Depth to	LNAPL	Depth to	Total	DNAPL	Corrected	LNAPL	Removal
Well	Point	Date	to Water	LNAPL	Thickness	DNAPL	Depth	Thickness	Water Elev.	Daily	Total for Well
Number	(ft)	Measured	(ft BMP)	(ft BMP)	(ft)	(ft BMP)	(ft BMP)	(ft)	(ft)	(Liters)	(Liters)
078B-R	988.83	7/15/2004	1.54		0.00		11.75	0.00	987.29		
078B-R	988.83	10/13/2004	1.38		0.00		11.72	0.00	987.45		
078B-R	988.83	10/15/2004	1.30		0.00		11.85	0.00	987.53		
082B	990.08	7/16/2004	6.20		0.00		10.09	0.00	983.88		
082B	990.08	8/9/2004	6.06		0.00		9.88	0.00	984.02		
082B-R	989.90	8/13/2004	5.78		0.00		11.59	0.00	984.12		
082B-R	989.90	10/8/2004	4.18		0.00		11.89	0.00	985.72		
082B-R	989.90	10/13/2004	4.68		0.00		11.87	0.00	985.22		1
089A	985.76	7/16/2004	2.80		0.00		47.50	0.00	982.96		
089A	985.76	10/14/2004	2.45		0.00		47.48	0.00	983.31		1
089B	986.03	7/16/2004	3.15		0.00		8.88	0.00	982.88		
089B	986.03	10/14/2004	2.61		0.00		8.99	0.00	983.42		
089D	985.42	7/16/2004	2.41		0.00		67.20	0.00	983.01		
089D	985.42	10/14/2004	2.08		0.00		66.98	0.00	983.34		
090A	988.07	10/13/2004	5.19		0.00		51.69	0.00	982.88		
090B	989.10	10/7/2004	5.95		0.00		12.87	0.00	983.15		
090B	989.10	10/13/2004	6.32		0.00		12.93	0.00	982.78		
095A	987.18	7/16/2004	6.75		0.00		51.05	0.00	980.43		
095A	987.18	10/13/2004	6.30		0.00		51.08	0.00	980.88		
095B	988.72	7/16/2004	6.40		0.00		10.63	0.00	982.32		
095B	988.72	8/24/2004	6.00		0.00		10.69	0.00	982.72		
095B-R	986.24	9/17/2004	5.76		0.00		14.62	0.00	980.48		
095B-R	986.24	10/13/2004	5.54		0.00		13.67	0.00	980.70		
095B-R	986.24	10/14/2004	5.59		0.00		13.63	0.00	980.65		
095C	988.16	7/16/2004	4.40		0.00		95.98	0.00	983.76		
109A	990.03	9/15/2004	7.10		0.00		52.96	0.00	982.93		
109B	989.06	9/15/2004	5.95		0.00		11.60	0.00	983.11		
111A	997.57	7/16/2004	14.45		0.00		16.50	0.00	983.12		

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA :

	Measuring		Depth	Depth to	LNAPL	Depth to	Total	DNAPL	Corrected	LNAPL	Removal
Well	Point	Date	to Water	LNAPL	Thickness	DNAPL	Depth	Thickness	Water Elev.	Daily	Total for Well
Number	(ft)	Measured	(ft BMP)	(ft BMP)	(ft)	(ft BMP)	(ft BMP)	(ft)	(ft)	(Liters)	(Liters)
111A-R	997.35	8/13/2004	13.56		0.00		51.88	0.00	983.79		
111A-R	997.35	9/16/2004	13.49		0.00		52.03	0.00	983.86		
111A-R	997.35	10/13/2004	13.03		0.00		52.27	0.00	984.32		
111B	996.75	7/16/2004	Bee nest in	side PVC c	asing, could	d not gauge	well	0.00	NA		
111B	996.75	10/13/2004	13.02		0.00		16.54	0.00	983.73		
111B	996.75	10/14/2004	13.04		0.00		16.54	0.00	983.71		
111B	996.75	10/20/2004	12.95		0.00		16.50	0.00	983.80		
111B	996.75	10/22/2004	13.00		0.00		16.20	0.00	983.75		
111B	996.75	11/1/2005	13.19		0.00		16.49	0.00	983.56		
114A	986.16	7/15/2004	6.27		0.00		52.31	0.00	979.89		
114A	986.16	10/13/2004	5.91		0.00		52.30	0.00	980.25		
114B	984.98	7/15/2004	5.93		0.00		10.91	0.00	979.05		
114B-R	985.54	9/17/2004	5.91		0.00		15.90	0.00	979.63		
114B-R	985.54	10/13/2004	6.00		0.00		15.50	0.00	979.54		
114B-R	985.54	10/14/2004	5.98		0.00		15.47	0.00	979.56		
114C	986.68	7/15/2004	5.18		0.00		90.70	0.00	981.50		
114C	986.68	8/25/2004	4.85		0.00		90.38	0.00	981.83		
GMA3-2	991.94	7/15/2004	7.80		0.00		14.93	0.00	984.14		
GMA3-2	991.94	10/6/2004	6.60		0.00		14.96	0.00	985.34		
GMA3-2	991.94	10/13/2004	7.19		0.00		15.02	0.00	984.75		
GMA3-3	990.45	7/15/2004	2.07		0.00		12.21	0.00	988.38		
GMA3-3	990.45	10/13/2004	1.64		0.00		12.20	0.00	988.81		
GMA3-3	990.45	10/15/2004	1.71		0.00		12.29	0.00	988.74		
GMA3-4	994.60	7/15/2004	7.02		0.00		13.70	0.00	987.58		
GMA3-4	994.60	9/16/2004	7.23		0.00		13.38	0.00	987.37		
GMA3-4	994.60	10/8/2004	6.70		0.00		13.34	0.00	987.90		
GMA3-4	994.60	10/13/2004	6.75	Р	< 0.01		13.20	0.00	987.85		

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA :

	Measuring		Depth	Depth to	LNAPL	Depth to	Total	DNAPL	Corrected	LNAPL	Removal
Well	Point	Date	to Water	LNAPL	Thickness	DNAPL	Depth	Thickness	Water Elev.	Daily	Total for Well
Number	(ft)	Measured	(ft BMP)	(ft BMP)	(ft)	(ft BMP)	(ft BMP)	(ft)	(ft)	(Liters)	(Liters)
GMA3-5	993.67	7/16/2004	9.26		0.00		15.43	0.00	984.41		
GMA3-5	993.67	10/7/2004	7.77		0.00		15.56	0.00	985.90		
GMA3-5	993.67	10/13/2004	8.37		0.00		15.52	0.00	985.30		
GMA3-6	997.49	7/15/2004	10.84		0.00		17.94	0.00	986.65		
GMA3-6	997.49	10/7/2004	10.43		0.00		18.08	0.00	987.06		
GMA3-6	997.49	10/13/2004	10.53		0.00		17.35	0.00	986.96		
GMA3-7	1000.17	7/16/2004	13.71		0.00		19.90	0.00	986.46		
GMA3-7	1000.17	10/8/2004	13.08		0.00		19.96	0.00	987.09		
GMA3-7	1000.17	10/13/2004	13.22		0.00		19.91	0.00	986.95		
GMA3-8	996.24	7/16/2004	10.70		0.00		15.66	0.00	985.54		
GMA3-8	996.24	10/13/2004	9.89		0.00		15.74	0.00	986.35		
GMA3-8	996.24	10/21/2005	10.06		0.00		15.78	0.00	986.18		
GMA3-9	992.39	7/15/2004	4.80		0.00		12.66	0.00	987.59		
GMA3-9	992.39	10/13/2004	4.77		0.00		12.66	0.00	987.62		
GMA3-9	992.39	10/15/2004	4.90		0.00		12.68	0.00	987.49		
GMA3-10	997.54	7/1/2004	11.55	10.87	0.68		18.03	0.00	986.62	0.420	10.764
GMA3-10	997.54	7/8/2004	11.60	10.91	0.69		18.03	0.00	986.58	0.426	
GMA3-10	997.54	7/15/2004	11.68	11.02	0.66		18.02	0.00	986.47	0.407	
GMA3-10	997.54	7/23/2004	11.88	11.16	0.72		18.03	0.00	986.33	0.444	
GMA3-10	997.54	7/29/2004	11.95	11.24	0.71		18.02	0.00	986.25	0.438	
GMA3-10	997.54	8/6/2004	11.90	11.28	0.62		18.02	0.00	986.22	0.383	
GMA3-10	997.54	8/13/2004	12.08	11.36	0.72		18.02	0.00	986.13	0.444	
GMA3-10	997.54	8/20/2004	11.95	11.32	0.63		18.02	0.00	986.18	0.450	
GMA3-10	997.54	8/27/2004	11.81	11.17	0.64		18.02	0.00	986.33	0.395]
GMA3-10	997.54	9/3/2004	11.87	11.25	0.62		18.02	0.00	986.25	0.382]
GMA3-10	997.54	9/10/2004	11.98	11.33	0.65		18.02	0.00	986.16	0.401	
GMA3-10	997.54	9/17/2004	11.75	11.31	0.44		18.02	0.00	986.20	0.271	
GMA3-10	997.54	9/24/2004	11.25	10.88	0.37		18.02	0.00	986.63	0.228	

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA \S

	Measuring		Depth	Depth to	LNAPL	Depth to	Total	DNAPL	Corrected	LNAPL	Removal
Well	Point	Date	to Water	LNAPL	Thickness	DNAPL	Depth	Thickness	Water Elev.	Daily	Total for Well
Number	(ft)	Measured	(ft BMP)	(ft BMP)	(ft)	(ft BMP)	(ft BMP)	(ft)	(ft)	(Liters)	(Liters)
GMA3-10	997.54	9/30/2004	11.24	10.75	0.49		18.02	0.00	986.76	0.302	10.764
GMA3-10	997.54	10/8/2004	11.26	10.63	0.63		18.02	0.00	986.87	0.389	
GMA3-10	997.54	10/13/2004	11.41	10.68	0.73		18.02	0.00	986.81		
GMA3-10	997.54	10/22/2004	11.42	10.74	0.68		18.02	0.00	986.75	0.419	
GMA3-10	997.54	10/27/2004	11.48	10.76	0.72		18.02	0.00	986.73	0.444	
GMA3-10	997.54	11/5/2004	11.60	10.85	0.75		18.02	0.00	986.64	0.463	
GMA3-10	997.54	11/12/2004	11.51	10.93	0.58		18.02	0.00	986.57	0.358	
GMA3-10	997.54	11/18/2004	11.75	11.00	0.75		18.02	0.00	986.49	0.463	
GMA3-10	997.54	11/24/2004	11.92	11.15	0.77		18.02	0.00	986.34	0.475	
GMA3-10	997.54	12/3/2004	11.55	10.88	0.67		18.02	0.00	986.61	0.413	
GMA3-10	997.54	12/9/2004	11.50	10.76	0.74		18.01	0.00	986.73	0.457	
GMA3-10	997.54	12/22/2004	11.60	10.83	0.77		18.02	0.00	986.66	0.475	
GMA3-10	997.54	12/30/2004	11.60	10.82	0.78		18.01	0.00	986.67	0.481	
GMA3-10	997.54	12/15/2014	11.60	10.73	0.87		18.02	0.00	986.75	0.537	
GMA3-11	997.25	7/15/2004	10.48		0.00		18.53	0.00	986.77		
GMA3-11	997.25	8/27/2004	10.68		0.00		18.53	0.00	986.57		
GMA3-11	997.25	10/13/2004	10.10		0.00		18.52	0.00	987.15		
GMA3-11	997.25	11/18/2004	10.48		0.00		18.48	0.00	986.77		
GMA3-11	997.25	12/15/2004	10.20		0.00		18.48	0.00	987.05		
GMA3-12	997.84	7/1/2004	11.70	11.27	0.43		21.25	0.00	986.54	1.681	22.839
GMA3-12	997.84	7/8/2004	11.90	11.21	0.69		21.25	0.00	986.58	1.705	
GMA3-12	997.84	7/15/2004	12.05	11.38	0.67		21.25	0.00	986.41	1.655	
GMA3-12	997.84	7/23/2004	12.25	11.55	0.70		21.25	0.00	986.24	1.730	
GMA3-12	997.84	7/29/2004	12.09	11.61	0.48		21.25	0.00	986.20	0.876	
GMA3-12	997.84	8/6/2004	12.05	11.64	0.41		21.25	0.00	986.17	1.013	
GMA3-12	997.84	8/13/2004	12.03	11.75	0.28		21.25	0.00	986.07	0.692	
GMA3-12	997.84	8/20/2004	12.02	11.65	0.37		21.25	0.00	986.16	0.914	
GMA3-12	997.84	8/27/2004	11.78	11.52	0.26		21.25	0.00	986.30	0.643	

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA \S

	Measuring		Depth	Depth to	LNAPL	Depth to	Total	DNAPL	Corrected	LNAPL I	Removal
Well	Point	Date	to Water	LNAPL	Thickness	DNAPL	Depth	Thickness	Water Elev.	Daily	Total for Well
Number	(ft)	Measured	(ft BMP)	(ft BMP)	(ft)	(ft BMP)	(ft BMP)	(ft)	(ft)	(Liters)	(Liters)
GMA3-12	997.84	9/3/2004	12.00	11.62	0.38		21.24	0.00	986.19	0.939	22.839
GMA3-12	997.84	9/10/2004	12.07	11.70	0.37		21.24	0.00	986.11	0.914	
GMA3-12	997.84	9/17/2004	11.97	11.70	0.27		21.24	0.00	986.12	0.667	
GMA3-12	997.84	9/24/2004	11.45	11.20	0.25		21.24	0.00	986.62	0.618	
GMA3-12	997.84	9/30/2004	11.25	11.10	0.15		21.24	0.00	986.73	0.371	
GMA3-12	997.84	10/8/2004	11.30	11.01	0.29		21.24	0.00	986.81	0.717	
GMA3-12	997.84	10/13/2004	11.37	11.07	0.30		21.25	0.00	986.75		
GMA3-12	997.84	10/22/2004	11.45	11.09	0.36		21.24	0.00	986.72	0.889	
GMA3-12	997.84	10/27/2004	11.41	11.14	0.27		21.24	0.00	986.68	0.667	
GMA3-12	997.84	11/5/2004	11.55	11.21	0.34		21.24	0.00	986.61	0.840	
GMA3-12	997.84	11/12/2004	11.70	11.33	0.37		21.24	0.00	986.48	0.914	
GMA3-12	997.84	11/18/2004	11.75	11.40	0.35		21.26	0.00	986.42	0.216	
GMA3-12	997.84	11/24/2004	11.90	11.48	0.42		21.24	0.00	986.33	1.038	
GMA3-12	997.84	12/3/2004	11.65	11.22	0.43		21.24	0.00	986.59	1.063	
GMA3-12	997.84	12/9/2004	11.43	11.15	0.28		21.24	0.00	986.67	0.692	
GMA3-12	997.84	12/22/2004	11.50	11.22	0.28		21.24	0.00	986.60	0.692	
GMA3-12	997.84	12/30/2004	11.43	11.23	0.20		21.24	0.00	986.60	0.494	
GMA3-12	997.84	12/15/2014	11.22	11.14	0.08		21.24	0.00	986.69	0.198	
OBG-2	992.20	7/16/2004	5.65		0.00		14.80	0.00	986.55		
OBG-2	992.20	10/8/2004	4.81		0.00		14.87	0.00	987.39		
OBG-2	992.20	10/13/2004	5.37		0.00		14.81	0.00	986.83		
UB-MW-10	995.99	7/15/2004	9.60		0.00		15.71	0.00	986.39		
UB-MW-10	995.99	8/27/2004	10.61		0.00		15.70	0.00	985.38		
UB-MW-10	995.99	10/13/2004	9.23		0.00		15.69	0.00	986.76		
UB-MW-10	995.99	11/18/2004	9.58		0.00		15.71	0.00	986.41		
UB-MW-10	995.99	12/13/2004	9.27		0.00		15.70	0.00	986.72		

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

	Measuring		Depth	Depth to	LNAPL	Depth to	Total	DNAPL	Corrected	LNAPL I	Removal
Well	Point	Date	to Water	LNAPL	Thickness	DNAPL	Depth	Thickness	Water Elev.	Daily	Total for Well
Number	(ft)	Measured	(ft BMP)	(ft BMP)	(ft)	(ft BMP)	(ft BMP)	(ft)	(ft)	(Liters)	(Liters)
UB-PZ-1	999.70	7/15/2004	13.76		0.00		13.79	0.00	985.94		
UB-PZ-1	999.70	10/13/2004	Dry		0.00		12.75	0.00	< 986.95		
UB-PZ-2	994.77	7/16/2004	Well damag	ged, unable	to measure	9			NA		
UB-PZ-2	994.77	10/13/2004	8.85		0.00		10.42	0.00	985.92		
UB-PZ-3	998.15	7/15/2004	12.10	11.80	0.30		13.36	0.00	986.33	0.185	0.314
UB-PZ-3	998.15	8/27/2004	12.20	11.92	0.28		13.37	0.00	986.21	0.007	
UB-PZ-3	998.15	9/24/2004	11.95	11.60	0.35		13.35	0.00	986.53	0.122	
UB-PZ-3	998.15	10/13/2004	11.87	11.43	0.44		13.35	0.00	986.69		
UB-PZ-3	998.15	11/18/2004	12.12	11.94	0.18		13.42	0.00	986.20		
UB-PZ-3	998.15	12/15/2004	11.82	11.60	0.22		13.38	0.00	986.53		
Unkamet Bro	ok Staff Gau	ge									
GMA3-SG-1	983.44	7/15/2004	2.90						986.34		
GMA3-SG-1	983.44	10/14/2004	2.98						986.42		
GMA3-SG-2	NA	7/16/2004	0.26						NA		
GMA3-SG-2	NA	10/14/2004	0.43						NA		
GMA3-SG-3	985.53	7/15/2004	1.98						987.51		
GMA3-SG-3	985.53	10/14/2004	1.86						987.39		

NOTES

- 1. ft BMP: feet below measuring point.
- 2. --- indicates LNAPL was not present in a measurable quantity.
- 3. NA indicates information not available.
- 4. NM indicates data not measured.
- 5. P indicates that LNAPL is present at a thickness that is < 0.01 feet, the corresponding thickness is recorded as such.
- 6. A staff gauge reading of 0.00 feet corresponds to the listed measuring point elevation. The "Depth to Water" value shown above for staff gauges refer to feet above the datum, rather than feet below the measuring point.

Appendix D

Fall 2004 Groundwater Analytical Results



TABLE D-1 FALL 2004 GROUNDWATER ANALYTICAL RESULTS

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

	Sample ID:	6B-R	16B-R	51-14	78B-R	82B-R
Parameter	Date Collected:	10/06/04	10/07/04	10/07/04	10/15/04	10/08/04
Volatile Organic						
1,1,1,2-Tetrachlor		ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10)	ND(0.0050)
1,1,1-Trichloroeth		ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10)	ND(0.0050)
1,1,2,2-Tetrachlor		ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050) ND(0.0050)	ND(0.10)	ND(0.0050)
1,1,2-Trichloroeth		ND(0.050) ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050) ND(0.0050)	ND(0.10) ND(0.10)	ND(0.0050) 0.0010 J
1,1-Dichloroether		ND(0.050) ND(0.050)	ND(0.0050) [ND(0.0050)] ND(0.0010) [ND(0.0010)]	ND(0.0050) ND(0.0010)	ND(0.10) ND(0.10)	ND(0.0010)
1,2,3-Trichloropro		ND(0.050)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.10)	ND(0.0010) ND(0.0050)
1,2-Dibromo-3-ch		ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10)	ND(0.0050)
1,2-Dibromoethar	<u> </u>	ND(0.050)	ND(0.0010) [ND(0.0010)]	ND(0.0030)	ND(0.10)	ND(0.0010)
1,2-Dichloroethan		ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10)	ND(0.0050)
1,2-Dichloropropa		ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10)	ND(0.0050)
1,4-Dioxane		ND(1.0) J	ND(0.20) J [ND(0.20) J]	ND(0.20) J	ND(2.0) J	ND(0.20) J
2-Butanone		ND(0.050) J	ND(0.010) J [ND(0.010) J]	ND(0.010) J	ND(0.10) J	ND(0.010) J
2-Chloro-1,3-buta	idiene	ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10)	ND(0.0050)
2-Chloroethylviny	lether	ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10)	ND(0.0050)
2-Hexanone		ND(0.050)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.10)	ND(0.010)
3-Chloropropene		ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10)	ND(0.0050)
4-Methyl-2-pentar	none	ND(0.050)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.10)	ND(0.010)
Acetone		ND(0.050)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.10)	ND(0.010) J
Acetonitrile		ND(0.50) J	ND(0.10) J [ND(0.10) J]	ND(0.10) J	ND(1.0) J	ND(0.10) J
Acrolein		ND(0.50) J	ND(0.10) J [ND(0.10) J]	ND(0.10) J	ND(1.0) J	ND(0.10)
Acrylonitrile		ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10) J	ND(0.0050)
Benzene		0.70	ND(0.0050) [ND(0.0050)]	ND(0.0050)	2.0	0.0015 J
Bromodichlorome	thane	ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10)	ND(0.0050)
Bromoform		ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10)	ND(0.0050)
Bromomethane		ND(0.050)	ND(0.0020) [ND(0.0020)]	ND(0.0020) ND(0.0050)	ND(0.10)	ND(0.0020)
Carbon Disulfide Carbon Tetrachlo	rido	ND(0.050) ND(0.050)	ND(0.0050) [ND(0.0050)] ND(0.0050) [ND(0.0050)]	0.0014 J	ND(0.10) ND(0.10)	ND(0.0050) ND(0.0050)
Chlorobenzene	nue	0.92	0.00052 J [0.00056 J]	ND(0.0050)	2.3	ND(0.0050)
Chloroethane		ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10)	ND(0.0050)
Chloroform		ND(0.050)	ND(0.0050) [ND(0.0050)]	0.0019 J	ND(0.10)	ND(0.0050)
Chloromethane		ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10)	ND(0.0050)
cis-1,3-Dichloropi	ropene	ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10)	ND(0.0050)
Dibromochlorome		ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10)	ND(0.0050)
Dibromomethane		ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10)	ND(0.0050)
Dichlorodifluorom	ethane	ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10)	ND(0.0050)
Ethyl Methacrylat	е	ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10)	ND(0.0050)
Ethylbenzene		ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10)	ND(0.0050)
Iodomethane		ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10)	ND(0.0050)
Isobutanol		ND(1.0) J	ND(0.10) J [ND(0.10) J]	ND(0.10) J	ND(2.0) J	ND(0.10) J
Methacrylonitrile		ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10) J	ND(0.0050)
Methyl Methacryla		ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10)	ND(0.0050)
Methylene Chloric	de	ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10)	ND(0.0050)
Propionitrile Styrene		ND(0.10) J ND(0.050)	ND(0.010) J [ND(0.010) J]	ND(0.010) J ND(0.0050)	ND(0.20) J	ND(0.010) J
Tetrachloroethen		ND(0.050) ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050) ND(0.0020)	ND(0.10)	ND(0.0050) ND(0.0020)
Toluene	-	0.038 J	ND(0.0020) [ND(0.0020)] ND(0.0050) [ND(0.0050)]	ND(0.0020) ND(0.0050)	ND(0.10) J ND(0.10)	ND(0.0020) ND(0.0050)
trans-1,2-Dichloro	pethene	ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10)	ND(0.0050)
trans-1,3-Dichlord		ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10)	ND(0.0050)
trans-1,4-Dichlord	· ·	ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10)	ND(0.0050)
Trichloroethene		ND(0.050)	0.00061 J [0.00064 J]	ND(0.0050)	ND(0.10)	ND(0.0050)
Trichlorofluorome	thane	ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10) J	ND(0.0050)
Vinyl Acetate		ND(0.050) J	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.10)	ND(0.0050) J
Vinyl Chloride		ND(0.050)	ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.10)	ND(0.0020)
Xylenes (total)		ND(0.050)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.10)	ND(0.010)
Total VOCs		1.7	0.0011 J [0.0012 J]	0.0033 J	4.3	0.0025 J
PCBs-Unfiltered						
Aroclor-1016		ND(0.000065)	NA	NA	ND(0.000065)	ND(0.000065)
Aroclor-1221		ND(0.000065)	NA	NA	ND(0.000065)	ND(0.000065)
Aroclor-1232		ND(0.000065)	NA	NA	ND(0.000065)	ND(0.000065)
Aroclor-1242		ND(0.000065)	NA	NA	ND(0.000065)	ND(0.000065)
Aroclor-1248		ND(0.000065)	NA NA	NA	ND(0.000065)	ND(0.000065)
Aroclor-1254		ND(0.000065)	NA NA	NA NA	0.00041	ND(0.000065)
Aroclor-1260		ND(0.000065)	NA NA	NA NA	0.000092	ND(0.000065)
Total PCBs		ND(0.000065)	NA	NA	0.000502	ND(0.000065)

TABLE D-1 FALL 2004 GROUNDWATER ANALYTICAL RESULTS

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Danier of an	Sample ID:	6B-R	16B-R	51-14	78B-R	82B-R
Parameter	Date Collected:	10/06/04	10/07/04	10/07/04	10/15/04	10/08/04
PCBs-Filtered	· · · · · · · · · · · · · · · · · · ·			1		
Aroclor-1016		ND(0.000065)	NA	NA	ND(0.000065)	ND(0.000065)
Aroclor-1221		ND(0.000065)	NA NA	NA	ND(0.000065)	ND(0.000065)
Aroclor-1232		ND(0.000065)	NA	NA	ND(0.000065)	ND(0.000065)
Aroclor-1242		ND(0.000065)	NA	NA	ND(0.000065)	ND(0.000065)
Aroclor-1248		ND(0.000065)	NA	NA	ND(0.000065)	ND(0.000065)
Aroclor-1254		ND(0.000065)	NA	NA	0.00029	ND(0.000065)
Aroclor-1260		ND(0.000065)	NA	NA	0.000090	ND(0.000065)
Total PCBs		ND(0.000065)	NA	NA	0.00038	ND(0.000065)
Semivolatile Org						
1,2,4,5-Tetrachlor		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
1,2,4-Trichlorober		ND(0.010)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.010)	ND(0.010)
1,2-Dichlorobenze		0.0049 J	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.010)	ND(0.010)
1,2-Diphenylhydra	azine	ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
1,3,5-Trinitrobenz		ND(0.010) J	NA	NA	ND(0.010) J	ND(0.010) J
1,3-Dichlorobenze		ND(0.010)	0.00069 J [0.00083 J]	ND(0.0050)	ND(0.010)	ND(0.010)
1,3-Dinitrobenzen		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
1,4-Dichlorobenze	ene	0.055	0.0014 J [0.0016 J]	ND(0.0050)	0.0098 J	ND(0.010)
1,4-Naphthoquino	ne	ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
1-Naphthylamine		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
2,3,4,6-Tetrachlor		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
2,4,5-Trichlorophe		ND(0.010)	NA	NA	0.0053 J	ND(0.010)
2,4,6-Trichlorophe		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
2,4-Dichloropheno		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
2,4-Dimethylphen	ol	ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
2,4-Dinitrophenol		ND(0.050)	NA	NA	ND(0.050)	ND(0.050)
2,4-Dinitrotoluene		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
2,6-Dichloropheno		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
2,6-Dinitrotoluene		ND(0.010)	NA	NA	ND(0.010) J	ND(0.010)
2-Acetylaminofluo	rene	ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
2-Chloronaphthale	ene	ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
2-Chlorophenol		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
2-Methylnaphthale	ene	ND(0.010)	NA	NA	0.021	ND(0.010)
2-Methylphenol		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
2-Naphthylamine		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
2-Nitroaniline		ND(0.050)	NA	NA	ND(0.050)	ND(0.050)
2-Nitrophenol		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
2-Picoline		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
3&4-Methylpheno		0.021	NA	NA	ND(0.010)	ND(0.010)
3,3'-Dichlorobenzi		ND(0.020)	NA	NA	ND(0.020) J	ND(0.020) J
3,3'-Dimethylbenz		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
3-Methylcholanthr	ene	ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
3-Nitroaniline		ND(0.050)	NA	NA	ND(0.050)	ND(0.050)
4,6-Dinitro-2-meth	nylphenol	ND(0.050)	NA	NA	ND(0.050)	ND(0.050)
4-Aminobiphenyl		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
4-Bromophenyl-pl		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
4-Chloro-3-Methy	Iphenol	ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
4-Chloroaniline		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
4-Chlorobenzilate		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
4-Chlorophenol		NA	NA	NA	NA	NA
4-Chlorophenyl-pl	nenylether	ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
4-Nitroaniline		ND(0.050)	NA	NA	ND(0.050)	ND(0.050)
4-Nitrophenol		ND(0.050) J	NA	NA	ND(0.050) J	ND(0.050) J
4-Nitroquinoline-1		ND(0.010) J	NA	NA	ND(0.010) J	ND(0.010) J
4-Phenylenediam		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
5-Nitro-o-toluidine		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
7,12-Dimethylben		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
a,a'-Dimethylpher	nethylamine	ND(0.010)	NA	NA	ND(0.010)	ND(0.010) J
Acenaphthene		ND(0.010)	NA	NA	0.018	ND(0.010)
Acenaphthylene		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
Acetophenone		NID(O O4O)	NA	NA	ND(0.010)	ND(0.010)
		ND(0.010)				
Aniline		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
Anthracene		ND(0.010) ND(0.010)	NA NA	NA	0.0028 J	ND(0.010)
		ND(0.010)	NA			,

TABLE D-1 FALL 2004 GROUNDWATER ANALYTICAL RESULTS

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Parameter Semivolatile Orga Benzo(a)anthracer Benzo(a)pyrene	Date Collected:	10/06/04	10/07/04	10/07/04	10/15/04	
Benzo(a)anthracer	nice (continued)		10/0//04	10/07/04	10/13/04	10/08/04
	<u> </u>					
Ronzo(a)nyrono	ne	ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
		ND(0.010)	NA NA	NA	ND(0.010)	ND(0.010)
Benzo(b)fluoranthe		ND(0.010)	NA NA	NA	ND(0.010)	ND(0.010)
Benzo(g,h,i)peryle		ND(0.010)	NA NA	NA	ND(0.010)	ND(0.010)
Benzo(k)fluoranthe	ene	ND(0.010)	NA NA	NA	ND(0.010)	ND(0.010)
Benzyl Alcohol	\ (l	ND(0.020)	NA NA	NA NA	ND(0.020)	ND(0.020)
bis(2-Chloroethoxy		ND(0.010)	NA NA	NA NA	ND(0.010)	ND(0.010)
bis(2-Chloroethyl)e bis(2-Chloroisopro		ND(0.010) ND(0.010) J	NA NA	NA NA	ND(0.010) ND(0.010) J	ND(0.010) ND(0.010) J
bis(2-Chioroisopro			NA NA	NA NA	` /	ND(0.010) 3 ND(0.0060)
Butylbenzylphthala		ND(0.0060) ND(0.010)	NA NA	NA NA	ND(0.0060) ND(0.010)	ND(0.0060)
Chrysene	ile .	ND(0.010)	NA NA	NA NA	ND(0.010)	ND(0.010)
Diallate		ND(0.010)	NA NA	NA NA	ND(0.010)	ND(0.010)
Dibenzo(a,h)anthra	acene	ND(0.010)	NA NA	NA NA	ND(0.010)	ND(0.010)
Dibenzofuran	accinc	ND(0.010)	NA NA	NA NA	0.014	ND(0.010)
Diethylphthalate		ND(0.010)	NA NA	NA NA	ND(0.010)	ND(0.010)
Dimethylphthalate		ND(0.010)	NA NA	NA NA	ND(0.010)	ND(0.010)
Di-n-Butylphthalate	9	ND(0.010)	NA NA	NA NA	ND(0.010)	ND(0.010)
Di-n-Octylphthalate		ND(0.010)	NA NA	NA NA	ND(0.010)	ND(0.010)
Diphenylamine		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
Ethyl Methanesulfo	onate	ND(0.010)	NA NA	NA NA	ND(0.010)	ND(0.010)
Fluoranthene		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
Fluorene		ND(0.010)	NA	NA	0.015	ND(0.010)
Hexachlorobenzer	ie	ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
Hexachlorobutadie	ene	ND(0.050)	NA	NA	ND(0.10)	ND(0.0010)
Hexachlorocyclope	entadiene	ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
Hexachloroethane		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
Hexachlorophene		ND(0.020)	NA	NA	ND(0.020)	ND(0.020)
Hexachloropropen	е	ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
Indeno(1,2,3-cd)py	/rene	ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
Isodrin		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
Isophorone		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
Isosafrole		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
Methapyrilene		ND(0.010) J	NA	NA	ND(0.010) J	ND(0.010)
Methyl Methanesu	lfonate	ND(0.010) J	NA	NA	ND(0.010) J	ND(0.010) J
Naphthalene		0.0031 J	ND(0.0050) [ND(0.0050)]	ND(0.0050) J	0.035	ND(0.010)
Nitrobenzene		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
N-Nitrosodiethylan		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
N-Nitrosodimethyla		ND(0.010)	NA NA	NA	ND(0.010)	ND(0.010)
N-Nitroso-di-n-buty		ND(0.010)	NA NA	NA	ND(0.010)	ND(0.010)
N-Nitroso-di-n-proj	,	ND(0.010)	NA NA	NA	ND(0.010)	ND(0.010)
N-Nitrosodiphenyla		ND(0.010)	NA NA	NA NA	ND(0.010)	ND(0.010)
N-Nitrosomethyletl	•	ND(0.010)	NA NA	NA NA	ND(0.010)	ND(0.010)
N-Nitrosomorpholi		ND(0.010)	NA NA	NA NA	ND(0.010) J	ND(0.010)
N-Nitrosopiperidine		ND(0.010)	NA NA	NA NA	ND(0.010)	ND(0.010)
N-Nitrosopyrrolidin		ND(0.010)			ND(0.010)	ND(0.010) J
o,o,o-Triethylphos	unorounioate	ND(0.010)	NA NA	NA NA	ND(0.010)	ND(0.010) ND(0.010) J
o-Toluidine p-Dimethylaminoa:	zohonzono	ND(0.010) ND(0.010)	NA NA	NA NA	ND(0.010) ND(0.010)	ND(0.010) J ND(0.010)
Pentachlorobenze		ND(0.010)	NA NA	NA NA	ND(0.010)	ND(0.010)
Pentachloroethane		ND(0.010)	NA NA	NA NA	ND(0.010)	ND(0.010)
Pentachloronitrobe		ND(0.010)	NA NA	NA NA	ND(0.010)	ND(0.010)
Pentachloropheno		ND(0.010)	NA NA	NA NA	ND(0.050)	ND(0.010) ND(0.050)
Phenacetin	·	ND(0.030)	NA NA	NA NA	ND(0.030)	ND(0.030)
Phenanthrene		ND(0.010)	NA NA	NA NA	0.016	ND(0.010)
Phenol		0.021	NA NA	NA NA	0.0063 J	ND(0.010)
Pronamide		ND(0.010) J	NA NA	NA NA	ND(0.010) J	ND(0.010) J
Pyrene		ND(0.010)	NA NA	NA NA	ND(0.010)	ND(0.010)
Pyridine		ND(0.010)	NA NA	NA NA	ND(0.010)	ND(0.010)
Safrole		ND(0.010) J	NA NA	NA	ND(0.010) J	ND(0.010) J
Thionazin		ND(0.010)	NA NA	NA	ND(0.010)	ND(0.010)

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Parameter	Sample ID: Date Collected:	6B-R 10/06/04	16B-R 10/07/04	51-14 10/07/04	78B-R 10/15/04	82B-R 10/08/04
Organochlorine Pes	sticides			•	•	•
4,4'-DDD		ND(0.00010) J	NA	NA	ND(0.00010)	ND(0.00010)
4,4'-DDE		ND(0.00010) J	NA	NA	ND(0.00010)	ND(0.00010)
4,4'-DDT		ND(0.00010) J	NA	NA	ND(0.00010)	ND(0.00010)
Aldrin		ND(0.000050) J	NA	NA	ND(0.000050)	ND(0.000050)
Alpha-BHC		ND(0.000050) J	NA	NA	ND(0.000050)	ND(0.000050)
Alpha-Chlordane		ND(0.000050) J	NA	NA	ND(0.000050)	ND(0.000050)
Beta-BHC		ND(0.000050) J	NA	NA	ND(0.000050)	ND(0.000050)
Delta-BHC		ND(0.000050) J	NA	NA	ND(0.000050)	ND(0.000050)
Dieldrin		ND(0.00010) J	NA	NA	ND(0.00010)	ND(0.00010)
Endosulfan I		ND(0.00010) J	NA	NA	ND(0.00010)	ND(0.00010)
Endosulfan II		ND(0.00010) J	NA	NA	ND(0.00010)	ND(0.00010)
Endosulfan Sulfate		ND(0.00010) J	NA	NA	ND(0.00010)	ND(0.00010)
Endrin		ND(0.00010) J	NA	NA	ND(0.00010)	ND(0.00010)
Endrin Aldehyde		ND(0.00010) J	NA	NA	ND(0.00010)	ND(0.00010)
Endrin Ketone		ND(0.00010) J	NA	NA	ND(0.00010)	ND(0.00010)
Gamma-BHC (Linda	ne)	ND(0.000050) J	NA	NA	ND(0.000050)	ND(0.00050)
Gamma-Chlordane	,	ND(0.000050) J	NA	NA	ND(0.000050)	ND(0.000050)
Heptachlor		ND(0.000050) J	NA NA	NA NA	ND(0.000050)	ND(0.000050)
Heptachlor Epoxide		ND(0.000050) J	NA NA	NA NA	ND(0.000050)	ND(0.000050)
Kepone		ND(0.050) J	NA NA	NA NA	ND(0.050)	ND(0.050)
Methoxychlor		ND(0.00050) J	NA NA	NA NA	ND(0.00050)	ND(0.0050)
Technical Chlordane		ND(0.00050) J	NA NA	NA NA	ND(0.00030)	ND(0.00050)
Toxaphene		ND(0.00030) J	NA NA	NA NA	ND(0.0002)	ND(0.00030)
Organophosphate I	Dootioidoo	14D(0.0010) 3	INA	INA	ND(0:0010)	ND(0.0010)
<u> </u>	esticides	NID (0.050)	NIA	NIA.	NID(0.050)	ND(0.050)
Dimethoate		ND(0.050)	NA NA	NA NA	ND(0.050)	ND(0.050)
Disulfoton		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
Ethyl Parathion		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
Famphur		ND(0.050)	NA	NA	ND(0.050)	ND(0.050)
Methyl Parathion		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
Phorate		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
Sulfotep		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
Herbicides						
2,4,5-T		ND(0.0020)	NA	NA	ND(0.0020)	ND(0.0020)
2,4,5-TP		ND(0.0020)	NA	NA	ND(0.0020)	ND(0.0020)
2,4-D		ND(0.010)	NA	NA	ND(0.010)	ND(0.010)
Dinoseb		ND(0.0010)	NA	NA	ND(0.0010)	ND(0.0010)
Furans						
2,3,7,8-TCDF		ND(0.0000000023)	NA	NA	ND(0.0000000025)	ND(0.0000000019)
TCDFs (total)		ND(0.0000000023)	NA	NA	ND(0.000000048)	ND(0.000000019)
1,2,3,7,8-PeCDF		ND(0.0000000041)	NA	NA	ND(0.0000000016)	ND(0.0000000029)
2,3,4,7,8-PeCDF		ND(0.000000039)	NA	NA	ND(0.000000016)	ND(0.0000000028)
PeCDFs (total)		ND(0.0000000041)	NA	NA	ND(0.000000051)	ND(0.0000000029)
1,2,3,4,7,8-HxCDF		ND(0.0000000033)	NA	NA	ND(0.0000000059)	ND(0.0000000028)
1,2,3,6,7,8-HxCDF		ND(0.0000000032)	NA	NA	ND(0.0000000017)	ND(0.0000000026)
1,2,3,7,8,9-HxCDF		ND(0.0000000039)	NA	NA	ND(0.0000000020)	ND(0.0000000033)
2,3,4,6,7,8-HxCDF		ND(0.0000000035)	NA NA	NA	ND(0.0000000018)	ND(0.0000000029)
HxCDFs (total)		ND(0.0000000039)	NA NA	NA	ND(0.0000000087)	ND(0.0000000033)
1,2,3,4,6,7,8-HpCDF		ND(0.0000000003)	NA NA	NA NA	ND(0.00000000046)	ND(0.00000000001)
1,2,3,4,7,8,9-HpCDF		ND(0.0000000028)	NA NA	NA NA	ND(0.0000000035)	ND(0.0000000025)
HpCDFs (total)		ND(0.0000000028)	NA NA	NA NA	ND(0.0000000000)	ND(0.0000000025)
OCDF		ND(0.0000000026)	NA NA	NA NA	ND(0.0000000046)	ND(0.0000000048)
Dioxins		142(0.00000000000)	14/ \	14/1	142(0:0000000040)	142(0:0000000040)
		ND(0.0000000000)	NIA	NIA	ND(0.0000000014)	ND(0.0000000033)
2,3,7,8-TCDD		ND(0.0000000026) ND(0.0000000026)	NA NA	NA NA	ND(0.000000014) ND(0.0000000014)	ND(0.000000033)
TCDDs (total)		(NA NA	NA NA	(ND(0.0000000033)
1,2,3,7,8-PeCDD		ND(0.0000000054)	NA NA	NA NA	ND(0.0000000025)	ND(0.0000000048)
PeCDDs (total)		ND(0.0000000054)	NA NA	NA NA	ND(0.0000000025)	ND(0.0000000048)
1,2,3,4,7,8-HxCDD		ND(0.0000000042)	NA NA	NA NA	ND(0.0000000021)	ND(0.0000000035)
1,2,3,6,7,8-HxCDD		ND(0.0000000037)	NA NA	NA	ND(0.0000000017)	ND(0.0000000031)
1,2,3,7,8,9-HxCDD		ND(0.0000000038)	NA	NA	ND(0.000000018)	ND(0.0000000032)
HxCDDs (total)		ND(0.0000000042)	NA	NA	ND(0.0000000021)	ND(0.000000035)
· · · · · · · · · · · · · · · · · · ·		(
1,2,3,4,6,7,8-HpCDD	1	ND(0.0000000046)	NA	NA	ND(0.000000019)	ND(0.000000036)
1,2,3,4,6,7,8-HpCDD HpCDDs (total))	ND(0.0000000046) ND(0.0000000046)	NA NA	NA	ND(0.0000000021)	ND(0.000000036)
1,2,3,4,6,7,8-HpCDD		ND(0.0000000046)	NA		, ,	` ,

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

	Sample ID:	6B-R	16B-R	51-14	78B-R	82B-R
Parameter	Date Collected:	10/06/04	10/07/04	10/07/04	10/15/04	10/08/04
Inorganics-Unfilte	red					
Antimony		ND(0.0600)	NA	NA	ND(0.0600)	ND(0.0600)
Arsenic		ND(0.0100)	NA	NA	ND(0.0100)	ND(0.0100)
Barium		0.0510 B	NA	NA	1.40	0.0800 B
Beryllium		ND(0.00100)	NA	NA	ND(0.00100)	ND(0.00100)
Cadmium		ND(0.00500)	NA	NA	ND(0.00500)	ND(0.00500)
Chromium		0.00240 B	NA	NA	ND(0.0100)	0.00120 B
Cobalt		ND(0.0500)	NA	NA	ND(0.0500)	ND(0.0500)
Copper		0.00310 B	NA	NA	0.00160 B	ND(0.0250)
Cyanide		ND(0.0100)	NA	NA	0.00170 B	ND(0.0100)
Lead		ND(0.00300)	NA	NA	0.000890 B	ND(0.00300)
Mercury		ND(0.000200)	NA	NA	ND(0.000200)	ND(0.000200)
Nickel		0.00470 B	NA	NA	0.00700 B	0.00160 B
Selenium		ND(0.00500) J	NA	NA	ND(0.00500)	ND(0.00500) J
Silver		ND(0.00500)	NA	NA	ND(0.00500)	ND(0.00500)
Sulfide		ND(5.00)	NA	NA	ND(5.00)	ND(5.00)
Thallium		ND(0.0100) J	NA	NA	ND(0.0100) J	ND(0.0100) J
Tin		ND(0.0300)	NA	NA	ND(0.0300)	ND(0.0300)
Vanadium		0.00290 B	NA	NA	ND(0.0500)	ND(0.0500)
Zinc		0.0180 B	NA	NA	0.0250	0.0140 J
Inorganics-Filtere	d					
Antimony		ND(0.0600)	NA	NA	ND(0.0600)	ND(0.0600)
Arsenic		0.00550 B	NA	NA	ND(0.0100)	ND(0.0100)
Barium		0.0460 B	NA	NA	1.40	0.0750 B
Beryllium		ND(0.00100)	NA	NA	ND(0.00100)	ND(0.00100)
Cadmium		ND(0.00500)	NA	NA	ND(0.00500)	ND(0.00500)
Chromium		0.00200 B	NA	NA	ND(0.0100)	ND(0.0100)
Cobalt		ND(0.0500)	NA	NA	ND(0.0500)	ND(0.0500)
Copper		0.00190 B	NA	NA	ND(0.009)	ND(0.0250)
Cyanide		ND(0.0100)	NA	NA	0.00130 B	ND(0.0100)
Lead		ND(0.00300)	NA	NA	ND(0.00300)	ND(0.00300)
Mercury		ND(0.000200)	NA	NA	ND(0.000200)	ND(0.000200)
Nickel		0.00610 B	NA	NA	0.00700 B	0.00220 B
Selenium		ND(0.00500) J	NA	NA	ND(0.00500)	ND(0.00500) J
Silver		ND(0.00500)	NA	NA	ND(0.00500)	0.00100 B
Thallium		ND(0.0100) J	NA	NA	ND(0.0100) J	ND(0.0100) J
Tin		ND(0.0300)	NA	NA	ND(0.0300)	ND(0.0300)
Vanadium		0.00370 B	NA	NA	ND(0.0500)	ND(0.0500)
Zinc		ND(0.020)	NA	NA	ND(0.0200)	ND(0.020) J

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

	Sample ID:	89B	90B	95B-R	111B
Parameter	Date Collected:	10/14/04	10/07/04	10/14/04	10/22/04
Volatile Organic					
1,1,1,2-Tetrachlo		ND(0.0050) [ND(0.050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1,1-Trichloroeth		ND(0.0050) [ND(0.050)] ND(0.0050) [ND(0.050)]	ND(0.0050) ND(0.0050)	ND(0.0050) ND(0.0050)	ND(0.0050) ND(0.0050)
1,1,2-Trichloroeth		ND(0.0050) [ND(0.050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1-Dichloroethar		ND(0.0050) [ND(0.050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1-Dichloroether		ND(0.0010) [ND(0.050)]	ND(0.0010)	ND(0.0050)	ND(0.0010)
1,2,3-Trichloropro	pane	ND(0.0050) [ND(0.050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dibromo-3-ch	loropropane	ND(0.0050) [ND(0.050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dibromoethar		ND(0.0010) [ND(0.050)]	ND(0.0010)	ND(0.0050)	ND(0.0010)
1,2-Dichloroethan		ND(0.0050) [ND(0.050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dichloropropa	ane	ND(0.0050) [ND(0.050)] ND(0.20) J [ND(1.0) J]	ND(0.0050) ND(0.20) J	ND(0.0050) ND(0.20) J	ND(0.0050) ND(0.20) J
2-Butanone		ND(0.20) 3 [ND(1.0) 3] ND(0.010) J [ND(0.050) J]	ND(0.20) J ND(0.010) J	ND(0.20) J ND(0.010) J	ND(0.20) J
2-Chloro-1,3-buta	ndiene	ND(0.0050) [ND(0.050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
2-Chloroethylviny		ND(0.0050) [ND(0.050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
2-Hexanone		ND(0.010) [ND(0.050)]	ND(0.010)	ND(0.010)	ND(0.010)
3-Chloropropene		ND(0.0050) [ND(0.050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
4-Methyl-2-penta	none	ND(0.010) [ND(0.050)]	ND(0.010)	ND(0.010)	ND(0.010)
Acetone		ND(0.010) [ND(0.050)]	ND(0.010) J	ND(0.010)	ND(0.010)
Acetonitrile		ND(0.10) J [ND(0.50) J]	ND(0.10) J	ND(0.10) J	ND(0.10) J
Acrolein		ND(0.10) J [ND(0.50) J]	ND(0.10)	ND(0.10) J	ND(0.10)
Acrylonitrile		ND(0.0050) J [ND(0.050) J] 0.0014 J [0.079]	ND(0.0050)	ND(0.0050) J ND(0.0050)	ND(0.0050)
Benzene Bromodichlorome	othano	ND(0.0050) [ND(0.050)]	ND(0.0050) ND(0.0050)	ND(0.0050)	ND(0.0050) ND(0.0050)
Bromoform	striarie	ND(0.0050) [ND(0.050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Bromomethane		ND(0.0020) [ND(0.050)]	ND(0.0020)	ND(0.0050)	ND(0.0020) J
Carbon Disulfide		ND(0.0050) [ND(0.050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon Tetrachlo	ride	ND(0.0050) [ND(0.050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene		0.010 J [0.56 J]	ND(0.0050)	0.077 J	ND(0.0050)
Chloroethane		ND(0.0050) [ND(0.050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform		ND(0.0050) [ND(0.050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane		ND(0.0050) [ND(0.050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
cis-1,3-Dichlorope	•	ND(0.0050) [ND(0.050)] ND(0.0050) [ND(0.050)]	ND(0.0050) ND(0.0050)	ND(0.0050) ND(0.0050)	ND(0.0050) ND(0.0050)
Dibromomethane		ND(0.0050) [ND(0.050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Dichlorodifluorom		ND(0.0050) [ND(0.050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethyl Methacrylat		ND(0.0050) [ND(0.050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene		ND(0.0050) [ND(0.050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Iodomethane		ND(0.0050) [ND(0.050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Isobutanol		ND(0.10) J [ND(1.0) J]	ND(0.10) J	ND(0.10) J	ND(0.10) J
Methacrylonitrile		ND(0.0050) J [ND(0.050) J]	ND(0.0050)	ND(0.0050) J	ND(0.0050)
Methyl Methacryl		ND(0.0050) [ND(0.050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Propionitrile	ue	ND(0.0050) [ND(0.050)] ND(0.010) J [ND(0.10) J]	ND(0.0050) ND(0.010) J	ND(0.0050) ND(0.010) J	ND(0.0050) ND(0.010) J
Styrene		ND(0.0050) [ND(0.050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethen	e	ND(0.0020) J [ND(0.050) J]	ND(0.0020)	ND(0.0050) J	ND(0.0020) J
Toluene		ND(0.0050) [ND(0.050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
trans-1,2-Dichlord	oethene	ND(0.0050) [ND(0.050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
trans-1,3-Dichlord	1 -1	ND(0.0050) [ND(0.050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
trans-1,4-Dichloro	o-2-butene	ND(0.0050) [ND(0.050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene		ND(0.0050) [ND(0.050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichlorofluorome	etnane	ND(0.0050) J [ND(0.050) J]	ND(0.0050) ND(0.0050) J	ND(0.0050) J	ND(0.0050)
Vinyl Acetate Vinyl Chloride		ND(0.0050) [ND(0.050)] ND(0.0020) [ND(0.050)]	ND(0.0050) J ND(0.0020)	ND(0.0050) ND(0.0050)	ND(0.0050) ND(0.0020)
Xylenes (total)		ND(0.0020) [ND(0.050)]	ND(0.0020)	ND(0.0030)	ND(0.0020)
Total VOCs		0.011 J [0.64 J]	ND(0.20)	0.077 J	ND(0.20)
PCBs-Unfiltered			()		()
Aroclor-1016		ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)	NA
Aroclor-1221		ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)	NA
Aroclor-1232		ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)	NA
Aroclor-1242		ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)	NA
Aroclor-1248		ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)	NA
Aroclor-1254		0.00012 [0.000027 J]	ND(0.000065)	ND(0.000065)	NA NA
Aroclor-1260		ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)	NA NA
Total PCBs		0.00012 [0.000027 J]	ND(0.000065)	ND(0.000065)	NA

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Sample ID:	89B	90B	95B-R	111B
Parameter Date Collected:	10/14/04	10/07/04	10/14/04	10/22/04
PCBs-Filtered				
Aroclor-1016	ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)	NA
Aroclor-1221	ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)	NA
Aroclor-1232	ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)	NA
Aroclor-1242	ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)	NA
Aroclor-1248	ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)	NA
Aroclor-1254	ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)	NA
Aroclor-1260	ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)	NA
Total PCBs	ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)	NA
Semivolatile Organics		1 15 (2.242)	I	T
1,2,4,5-Tetrachlorobenzene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA NB(0.0050)
1,2,4-Trichlorobenzene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	ND(0.0050)
1,2-Dichlorobenzene	ND(0.010) [ND(0.010)] ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J ND(0.010) J	ND(0.0050) NA
1,2-Diphenylhydrazine 1,3,5-Trinitrobenzene	ND(0.010) [ND(0.010)]	ND(0.010) ND(0.010) J	ND(0.010) J ND(0.010) J	NA NA
1,3-Dichlorobenzene	ND(0.010) [ND(0.010)]	ND(0.010) 3	ND(0.010) J	ND(0.0050)
1,3-Dinitrobenzene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
1,4-Dichlorobenzene	ND(0.010) [0.0051 J]	ND(0.010)	ND(0.010) J	ND(0.0050)
1,4-Naphthoquinone	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
1-Naphthylamine	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA NA
2,3,4,6-Tetrachlorophenol	ND(0.010) [ND(0.010)]	ND(0.010)	R	NA NA
2,4,5-Trichlorophenol	ND(0.010) [ND(0.010)]	ND(0.010)	R	NA
2,4,6-Trichlorophenol	ND(0.010) [ND(0.010)]	ND(0.010)	R	NA
2,4-Dichlorophenol	ND(0.010) [ND(0.010)]	ND(0.010)	R	NA
2,4-Dimethylphenol	ND(0.010) [ND(0.010)]	ND(0.010)	R	NA
2,4-Dinitrophenol	ND(0.050) [ND(0.050)]	ND(0.050)	R	NA
2,4-Dinitrotoluene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
2,6-Dichlorophenol	ND(0.010) [ND(0.010)]	ND(0.010)	R	NA
2,6-Dinitrotoluene	ND(0.010) J [ND(0.010) J]	ND(0.010)	ND(0.010) J	NA
2-Acetylaminofluorene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
2-Chloronaphthalene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
2-Chlorophenol	ND(0.010) [ND(0.010)]	ND(0.010)	R	NA NA
2-Methylnaphthalene	ND(0.010) [ND(0.010)] ND(0.010) [ND(0.010)]	ND(0.010) ND(0.010)	ND(0.010) J	NA NA
2-Methylphenol 2-Naphthylamine	ND(0.010) [ND(0.010)]	ND(0.010) ND(0.010)	R ND(0.010) J	NA NA
2-Nitroaniline	ND(0.010) [ND(0.010)] ND(0.050) [ND(0.050)]	ND(0.010)	ND(0.050) J	NA NA
2-Nitrophenol	ND(0.030) [ND(0.030)]	ND(0.030)	R	NA NA
2-Picoline	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA NA
3&4-Methylphenol	ND(0.010) [ND(0.010)]	ND(0.010)	R	NA
3,3'-Dichlorobenzidine	ND(0.020) [ND(0.020)]	ND(0.020) J	ND(0.020) J	NA
3,3'-Dimethylbenzidine	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
3-Methylcholanthrene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
3-Nitroaniline	ND(0.050) [ND(0.050)]	ND(0.050)	ND(0.050) J	NA
4,6-Dinitro-2-methylphenol	ND(0.050) [ND(0.050)]	ND(0.050)	R	NA
4-Aminobiphenyl	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
4-Bromophenyl-phenylether	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
4-Chloro-3-Methylphenol	ND(0.010) [ND(0.010)]	ND(0.010)	R	NA
4-Chloroaniline	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA NA
4-Chlorobenzilate 4-Chlorophenol	ND(0.010) [ND(0.010)] ND(0.010) [ND(0.010)]	ND(0.010) NA	ND(0.010) J R	NA NA
4-Chlorophenyl-phenylether	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA NA
4-Nitroaniline	ND(0.050) [ND(0.050)]	ND(0.050)	ND(0.050) J	NA NA
4-Nitrophenol	ND(0.050) J [ND(0.050)]	ND(0.050) J	R	NA NA
4-Nitroquinoline-1-oxide	ND(0.010) J [ND(0.010) J]	ND(0.010) J	ND(0.010) J	NA NA
4-Phenylenediamine	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA NA
5-Nitro-o-toluidine	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
7,12-Dimethylbenz(a)anthracene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
a,a'-Dimethylphenethylamine	ND(0.010) J [ND(0.010) J]	ND(0.010) J	ND(0.010) J	NA
Acenaphthene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
Acenaphthylene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
Acetophenone	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
Aniline	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
Anthracene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
Aramite	ND(0.010) J [ND(0.010) J]	ND(0.010)	ND(0.010) J	NA
Benzidine	ND(0.020) [ND(0.020)]	ND(0.020) J	ND(0.020) J	NA

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Sample ID: Parameter Date Collected:	89B 10/14/04	90B 10/07/04	95B-R 10/14/04	111B 10/22/04
Semivolatile Organics (continued)		10/01/01	10/11/01	. 0/22/0 :
Benzo(a)anthracene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
Benzo(a)pyrene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
Benzo(b)fluoranthene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
Benzo(g,h,i)perylene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
Benzo(k)fluoranthene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
Benzyl Alcohol	ND(0.020) [ND(0.020)]	ND(0.020)	R	NA
bis(2-Chloroethoxy)methane	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
bis(2-Chloroethyl)ether	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
bis(2-Chloroisopropyl)ether	ND(0.010) J [ND(0.010) J]	ND(0.010) J	ND(0.010) J	NA
bis(2-Ethylhexyl)phthalate	ND(0.0060) [ND(0.0060)]	ND(0.0060)	ND(0.0060) J	NA
Butylbenzylphthalate	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA NA
Chrysene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA NA
Diallate	ND(0.010) [ND(0.010)] ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA NA
Dibenzo(a,h)anthracene Dibenzofuran	ND(0.010) [ND(0.010)] ND(0.010) [ND(0.010)]	ND(0.010) ND(0.010)	ND(0.010) J ND(0.010) J	NA NA
Diethylphthalate	ND(0.010) [ND(0.010)]	ND(0.010) ND(0.010)	ND(0.010) J ND(0.010) J	NA NA
Dimethylphthalate	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA NA
Di-n-Butylphthalate	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA NA
Di-n-Octylphthalate	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA NA
Diphenylamine Diphenylamine	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA NA
Ethyl Methanesulfonate	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
Fluoranthene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
Fluorene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
Hexachlorobenzene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
Hexachlorobutadiene	ND(0.0010) [ND(0.050)]	ND(0.0010)	ND(0.010) J	NA
Hexachlorocyclopentadiene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
Hexachloroethane	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
Hexachlorophene	ND(0.020) [ND(0.020)]	ND(0.020)	ND(0.020) J	NA
Hexachloropropene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
Indeno(1,2,3-cd)pyrene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
Isodrin	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
Isophorone	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
Isosafrole	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
Methapyrilene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
Methyl Methanesulfonate	ND(0.010) J [ND(0.010) J]	ND(0.010) J	ND(0.010) J	NA NB(0.0050) I
Naphthalene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.0050) J
Nitrobenzene	ND(0.010) [ND(0.010)] ND(0.010) [ND(0.010)]	ND(0.010) ND(0.010)	ND(0.010) J ND(0.010) J	NA NA
N-Nitrosodiethylamine N-Nitrosodimethylamine	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J ND(0.010) J	NA NA
N-Nitroso-di-n-butylamine	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA NA
N-Nitroso-di-n-propylamine	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA NA
N-Nitrosodiphenylamine	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA NA
N-Nitrosomethylethylamine	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA NA
N-Nitrosomorpholine	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
N-Nitrosopiperidine	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
N-Nitrosopyrrolidine	ND(0.010) [ND(0.010)]	ND(0.010) J	ND(0.010) J	NA
o,o,o-Triethylphosphorothioate	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
o-Toluidine	ND(0.010) [ND(0.010)]	ND(0.010) J	ND(0.010) J	NA
p-Dimethylaminoazobenzene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
Pentachlorobenzene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
Pentachloroethane	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
Pentachloronitrobenzene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
Pentachlorophenol	ND(0.050) [ND(0.050)]	ND(0.050)	R	NA
Phenacetin	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
Phenanthrene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA
Phenol	ND(0.010) [ND(0.010)]	ND(0.010)	R	NA
Pronamide	ND(0.010) J [ND(0.010) J]	ND(0.010) J	ND(0.010) J	NA NA
Pyrene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA NA
Pyridine	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA NA
Safrole This a said	ND(0.010) J [ND(0.010) J]	ND(0.010) J	ND(0.010) J	NA NA
Thionazin	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Sample ID:	89B	90B	95B-R	111B
Parameter Date Collected:	10/14/04	10/07/04	10/14/04	10/22/04
Organochlorine Pesticides				
4,4'-DDD	ND(0.00010) J [ND(0.00010)]	ND(0.00010)	ND(0.00010)	NA
4,4'-DDE	ND(0.00010) J [ND(0.00010)]	ND(0.00010)	ND(0.00010)	NA
4,4'-DDT	ND(0.00010) J [ND(0.00010)]	ND(0.00010)	ND(0.00010)	NA
Aldrin	ND(0.000050) J [ND(0.000050)]	ND(0.000050)	ND(0.000050)	NA
Alpha-BHC	ND(0.000050) J [ND(0.000050)]	ND(0.000050)	ND(0.000050)	NA
Alpha-Chlordane	ND(0.000050) J [ND(0.000050)]	ND(0.000050)	R	NA
Beta-BHC	ND(0.000050) J [ND(0.000050)]	ND(0.000050)	ND(0.000050) J	NA
Delta-BHC	ND(0.000050) J [ND(0.000050)]	ND(0.000050)	R	NA
Dieldrin	ND(0.00010) J [ND(0.00010)]	ND(0.00010)	ND(0.00010)	NA
Endosulfan I	ND(0.00010) J [ND(0.00010)]	ND(0.00010)	ND(0.00010)	NA
Endosulfan II	ND(0.00010) J [ND(0.00010)]	ND(0.00010)	ND(0.00010)	NA NA
Endosulfan Sulfate	ND(0.00010) J [ND(0.00010)]	ND(0.00010)	ND(0.00010)	NA NA
Endrin	ND(0.00010) J [ND(0.00010)]	ND(0.00010)	ND(0.00010)	NA NA
Endrin Aldehyde	ND(0.00010) J [ND(0.00010)]	ND(0.00010)	ND(0.00010)	NA NA
Endrin Ketone	ND(0.00010) J [ND(0.00010)]	ND(0.00010)	R	NA NA
Gamma-BHC (Lindane)	ND(0.000050) J [ND(0.000050)]	ND(0.000050)	ND(0.000050)	NA NA
Gamma-Chlordane	ND(0.000050) J [ND(0.000050)]	ND(0.000050)	ND(0.000050) J ND(0.000050)	NA NA
Heptachlor Epovido	ND(0.000050) J [ND(0.000050)]	ND(0.000050)		NA NA
Heptachlor Epoxide	ND(0.000050) J [ND(0.000050)] ND(0.050) [ND(0.050)]	ND(0.000050) ND(0.050)	ND(0.000050) J	NA NA
Kepone Methoxychlor	ND(0.000) [ND(0.000)] ND(0.00050) J [ND(0.00050)]	ND(0.050) ND(0.00050)	ND(0.050) J ND(0.00050)	NA NA
Technical Chlordane	ND(0.00050) J [ND(0.00050)]	ND(0.00050) ND(0.00050)	ND(0.00050)	NA NA
Toxaphene	ND(0.00030) 3 [ND(0.00030)] ND(0.0010) J [ND(0.0010)]	ND(0.00030)	ND(0.00030)	NA NA
Organophosphate Pesticides	145(0.0010) 3 [145(0.0010)]	140(0.0010)	142(0.0010)	INA
Dimethoate	ND(0.050) [ND(0.050)]	ND(0.050)	ND(0.050) J	NIA
Disulfoton	ND(0.030) [ND(0.030)] ND(0.010) [ND(0.010)]	ND(0.050) ND(0.010)	ND(0.050) J ND(0.010) J	NA NA
Ethyl Parathion	ND(0.010) [ND(0.010)]	ND(0.010)		NA NA
·	ND(0.070) [ND(0.070)] ND(0.050) [ND(0.050)]	ND(0.010) ND(0.050)	ND(0.010) ND(0.050) J	NA NA
Famphur Methyl Parathion	ND(0.030) [ND(0.030)] ND(0.010) [ND(0.010)]	ND(0.030)	ND(0.030) J	NA NA
Phorate	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J	NA NA
Sulfotep	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) 3	NA NA
Herbicides	14B(0.010) [14B(0.010)]	142(0.010)	142(0.010)	1471
2,4,5-T	ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0020)	NA
2,4,5-TP	ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0020)	NA NA
2.4-D	ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.010)	NA NA
Dinoseb	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.010)	NA NA
Furans		112 (0.0010)	112 (0.0010)	
2,3,7,8-TCDF	ND(0.0000000031) [ND(0.0000000019)]	ND(0.0000000022)	ND(0.000000037)	NA
TCDFs (total)	ND(0.0000000031) [ND(0.0000000019)]	ND(0.0000000022)	ND(0.0000000037)	NA NA
1,2,3,7,8-PeCDF	ND(0.0000000021) [ND(0.0000000015)]	ND(0.0000000022)	ND(0.0000000037)	NA NA
2,3,4,7,8-PeCDF	ND(0.0000000021) [ND(0.0000000015)]	ND(0.0000000032)	ND(0.0000000023)	NA NA
PeCDFs (total)	ND(0.0000000034) [ND(0.0000000017)]	ND(0.0000000031)	ND(0.0000000029)	NA NA
1,2,3,4,7,8-HxCDF	ND(0.0000000031) [ND(0.0000000020)]	ND(0.0000000032)	ND(0.0000000028)	NA NA
1,2,3,6,7,8-HxCDF	ND(0.0000000027) [ND(0.0000000018)]	ND(0.0000000031)	ND(0.0000000025)	NA NA
1,2,3,7,8,9-HxCDF	ND(0.0000000033) [ND(0.0000000022)]	ND(0.0000000025)	ND(0.0000000031)	NA NA
2,3,4,6,7,8-HxCDF	ND(0.0000000030) [ND(0.0000000022)]	ND(0.0000000032)	ND(0.0000000001)	NA NA
HxCDFs (total)	ND(0.0000000033) [ND(0.0000000022)]	ND(0.0000000036)	ND(0.0000000031)	NA
1,2,3,4,6,7,8-HpCDF	ND(0.0000000015) [ND(0.00000000097)]	ND(0.0000000000)	ND(0.0000000016)	NA
1,2,3,4,7,8,9-HpCDF	ND(0.0000000018) [ND(0.0000000012)]	ND(0.0000000030)	ND(0.0000000000)	NA
HpCDFs (total)	ND(0.000000018) [ND(0.000000012)]	ND(0.0000000030)	ND(0.0000000020)	NA
OCDF	ND(0.0000000053) [ND(0.000000037)]	ND(0.0000000052)	ND(0.0000000057)	NA
Dioxins	7.	,	,	
2,3,7,8-TCDD	ND(0.0000000024) [ND(0.0000000015)]	ND(0.0000000033)	ND(0.0000000022)	NA
TCDDs (total)	ND(0.0000000024) [ND(0.0000000015)]	ND(0.0000000033)	ND(0.0000000022)	NA
1,2,3,7,8-PeCDD	ND(0.000000034) [ND(0.0000000022)]	ND(0.000000054)	ND(0.0000000036)	NA
PeCDDs (total)	ND(0.0000000034) [ND(0.0000000022)]	ND(0.000000054)	ND(0.0000000036)	NA
1,2,3,4,7,8-HxCDD	ND(0.0000000049) [ND(0.0000000032)]	ND(0.000000038)	ND(0.0000000044)	NA
1,2,3,6,7,8-HxCDD	ND(0.0000000039) [ND(0.0000000026)]	ND(0.000000034)	ND(0.0000000036)	NA
1,2,3,7,8,9-HxCDD	ND(0.0000000041) [ND(0.0000000027)]	ND(0.000000035)	ND(0.0000000037)	NA
HxCDDs (total)	ND(0.0000000049) [ND(0.0000000032)]	ND(0.0000000038)	ND(0.0000000044)	NA
1,2,3,4,6,7,8-HpCDD	ND(0.0000000029) [ND(0.0000000021)]	ND(0.0000000028)	ND(0.0000000031)	NA
	(= ====================================	` ,	` ′	
HpCDDs (total)	ND(0.0000000029) [ND(0.0000000021)]	ND(0.0000000028)	ND(0.000000031)	NA
HpCDDs (total) OCDD	ND(0.0000000029) [ND(0.0000000021)] ND(0.0000000037) [ND(0.0000000021)]	ND(0.0000000028) ND(0.0000000051)	ND(0.0000000031) ND(0.0000000029)	NA NA

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

	Sample ID:	89B	90B	95B-R	111B
Parameter	Date Collected:	10/14/04	10/07/04	10/14/04	10/22/04
Inorganics-Unfi	Itered				
Antimony		ND(0.0600) [ND(0.0600)]	ND(0.0600)	ND(0.0600)	NA
Arsenic		ND(0.0100) [ND(0.0100)]	ND(0.0100)	ND(0.0100)	NA
Barium		0.0620 B [0.0620 B]	0.0220 B	0.0640 B	NA
Beryllium		ND(0.00100) [ND(0.00100)]	ND(0.00100)	ND(0.00100)	NA
Cadmium		ND(0.00500) [ND(0.00500)]	ND(0.00500)	ND(0.00500)	NA
Chromium		ND(0.0075) [ND(0.0075)]	0.00490 B	ND(0.0075)	NA
Cobalt		ND(0.0500) [ND(0.0500)]	ND(0.0500)	ND(0.0500)	NA
Copper		ND(0.0250) [0.00190 B]	ND(0.0250)	ND(0.0250)	NA
Cyanide		ND(0.0100) [ND(0.0100)]	ND(0.0100)	ND(0.0100)	NA
Lead		ND(0.00300) [ND(0.00300)]	0.00100 B	ND(0.00300)	NA
Mercury		ND(0.000200) [ND(0.000200)]	ND(0.000200)	ND(0.000200)	NA
Nickel		ND(0.0400) [ND(0.0400)]	0.00500 B	ND(0.0400)	NA
Selenium		ND(0.00500) [ND(0.00500)]	ND(0.00500) J	ND(0.00500)	NA
Silver		0.00130 B [ND(0.00500)]	ND(0.00500)	ND(0.00500)	NA
Sulfide		ND(5.00) [ND(5.00)]	ND(5.00)	ND(5.00)	NA
Thallium		ND(0.0100) J [ND(0.0100) J]	ND(0.0100) J	ND(0.0100) J	NA
Tin		ND(0.0300) [ND(0.0300)]	ND(0.0300)	ND(0.0300)	NA
Vanadium		ND(0.0500) [ND(0.0500)]	ND(0.0500)	ND(0.0500)	NA
Zinc		0.0130 B [0.0140 B]	0.0160 J	0.0130 B	NA
Inorganics-Filte	ered				
Antimony		ND(0.0600) [ND(0.0600)]	ND(0.0600)	ND(0.0600)	NA
Arsenic		ND(0.0100) [ND(0.0100)]	ND(0.0100)	ND(0.0100)	NA
Barium		0.0590 B [0.0610 B]	0.0230 B	0.0660 B	NA
Beryllium		ND(0.00100) [ND(0.00100)]	ND(0.00100)	ND(0.00100)	NA
Cadmium		ND(0.00500) [ND(0.00500)]	ND(0.00500)	ND(0.00500)	NA
Chromium		ND(0.0075) [ND(0.010)]	0.00280 B	ND(0.010)	NA
Cobalt		ND(0.0500) [ND(0.0500)]	ND(0.0500)	ND(0.0500)	NA
Copper		ND(0.0250) [ND(0.009)]	ND(0.0250)	ND(0.009)	NA
Cyanide		ND(0.0100) [ND(0.0100)]	ND(0.0100)	ND(0.0100)	NA
Lead		0.000700 J [0.00130 J]	ND(0.00300)	ND(0.00300)	NA
Mercury		ND(0.000200) [ND(0.000200)]	ND(0.000200)	ND(0.000200)	NA
Nickel		ND(0.0400) [ND(0.0400)]	ND(0.0400)	ND(0.0400)	NA
Selenium		ND(0.00500) [ND(0.00500)]	ND(0.00500) J	ND(0.00500)	NA
Silver		ND(0.00500) [ND(0.00500)]	ND(0.00500)	ND(0.00500)	NA
Thallium		ND(0.0100) J [ND(0.0100) J]	ND(0.0100) J	ND(0.0100) J	NA
Tin		ND(0.0300) [ND(0.0300)]	ND(0.0300)	ND(0.0300)	NA
Vanadium		ND(0.0500) [ND(0.0500)]	ND(0.0500)	ND(0.0500)	NA
Zinc		ND(0.0200) [ND(0.020)]	ND(0.020) J	ND(0.020)	NA

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Parameter	Sample ID: Date Collected:	114B-R 10/14/04	GMA3-2 10/06/04	GMA3-3 10/15/04	GMA3-4 10/08/04
Volatile Organic	s				
1,1,1,2-Tetrachlo		ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1,1-Trichloroetl		ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1,2,2-Tetrachlo		ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1,2-Trichloroet		ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1-Dichloroetha		ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1-Dichloroethe		ND(0.050)	ND(0.0010)	ND(0.0050)	ND(0.0010)
1,2,3-Trichloropr		ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dibromo-3-cl		ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dibromoetha		ND(0.050)	ND(0.0010)	ND(0.0050)	ND(0.0010)
1,2-Dichloroetha		ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dichloroprop	ane	ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,4-Dioxane		ND(1.0) J	ND(0.20) J	ND(0.20) J	ND(0.20) J
2-Butanone	P	ND(0.050) J	ND(0.010) J	ND(0.010) J	ND(0.010) J
2-Chloro-1,3-but		ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
2-Chloroethylviny	ylether	ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
2-Hexanone		ND(0.050)	ND(0.010)	ND(0.010)	ND(0.010)
3-Chloropropene		ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
4-Methyl-2-penta	none	ND(0.050)	ND(0.010)	ND(0.010)	ND(0.010)
Acetone		ND(0.050)	ND(0.010)	ND(0.010)	ND(0.010) J
Acetonitrile		ND(0.50) J	ND(0.10) J	ND(0.10) J	ND(0.10) J
Acrolein		ND(0.50) J	ND(0.10) J	ND(0.10) J	ND(0.10)
Acrylonitrile		ND(0.050) J	ND(0.0050)	ND(0.0050) J	ND(0.0050)
Benzene		ND(0.050)	0.015	0.0031 J	ND(0.0050)
Bromodichlorome	ethane	ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Bromoform		ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Bromomethane		ND(0.050)	ND(0.0020)	ND(0.0050)	ND(0.0020)
Carbon Disulfide		ND(0.050)	0.0012 J	ND(0.0050)	ND(0.0050)
Carbon Tetrachlo	oride	ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene		1.0	ND(0.0050)	0.020	ND(0.0050)
Chloroethane		ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform		ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane		ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
cis-1,3-Dichlorop	ropene	ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Dibromochlorom	ethane	ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Dibromomethane	9	ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Dichlorodifluoron	nethane	ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethyl Methacryla	te	ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene		ND(0.050)	0.0011 J	ND(0.0050)	ND(0.0050)
lodomethane		ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
sobutanol		ND(1.0) J	ND(0.10) J	ND(0.10) J	ND(0.10) J
Methacrylonitrile		ND(0.050) J	ND(0.0050)	ND(0.0050) J	ND(0.0050)
Methyl Methacry	late	ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene Chlori	ide	ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Propionitrile		ND(0.10) J	ND(0.010) J	ND(0.010) J	ND(0.010) J
Styrene		ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethen	ne	ND(0.050) J	ND(0.0020)	ND(0.0050) J	ND(0.0020)
Toluene		ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
rans-1,2-Dichlor	oethene	ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
rans-1,3-Dichlor		ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
rans-1,4-Dichlor		ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene		ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichlorofluorome	ethane	ND(0.050) J	ND(0.0050)	ND(0.0050) J	ND(0.0050)
Vinyl Acetate		ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050) J
Vinyl Chloride		ND(0.050)	ND(0.0020)	ND(0.0050)	ND(0.0020)
Xylenes (total)		ND(0.050)	ND(0.010)	ND(0.010)	ND(0.010)
Total VOCs		1.0	0.017 J	0.023 J	ND(0.20)
PCBs-Unfiltered	<u>'</u>				. , , ,
Aroclor-1016		ND(0.000065)	NA	ND(0.000065)	NA
Aroclor-1221		ND(0.000065)	NA NA	ND(0.000065)	NA NA
Aroclor-1232		ND(0.000065)	NA NA	ND(0.000065)	NA NA
Aroclor-1242		ND(0.000065)	NA NA	ND(0.000065)	NA NA
Aroclor-1248		ND(0.000065)	NA NA	ND(0.000065)	NA NA
Aroclor-1254		ND(0.000065)	NA NA	0.000046 J	NA NA
Aroclor-1254 Aroclor-1260		ND(0.000065)	NA NA	0.000046 J 0.000017 J	NA NA
		14D(0.000003)	INA	U.UUUU I / J	INA

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Sample ID		GMA3-2	GMA3-3	GMA3-4
Parameter Date Collected	10/14/04	10/06/04	10/15/04	10/08/04
PCBs-Filtered	ND (0.00005)	1 110	ND(0.00005)	T 110
Aroclor 1221	ND(0.000065)	NA NA	ND(0.000065)	NA NA
Aroclor-1221 Aroclor-1232	ND(0.000065)	NA NA	ND(0.000065) ND(0.000065)	NA NA
Aroclor-1232 Aroclor-1242	ND(0.000065) ND(0.000065)	NA NA	ND(0.000065)	NA NA
Aroclor-1248	ND(0.000065)	NA NA	ND(0.000065)	NA NA
Aroclor-1254	ND(0.000065)	NA NA	0.000053 J	NA NA
Aroclor-1260	ND(0.000065)	NA	0.000022 J	NA NA
Total PCBs	ND(0.000065)	NA	0.000075 J	NA
Semivolatile Organics	•	•		•
1,2,4,5-Tetrachlorobenzene	ND(0.010)	NA	ND(0.010)	NA
1,2,4-Trichlorobenzene	ND(0.010)	ND(0.0050)	ND(0.010)	ND(0.0050)
1,2-Dichlorobenzene	ND(0.010)	ND(0.0050)	ND(0.010)	ND(0.0050)
1,2-Diphenylhydrazine	ND(0.010)	NA	ND(0.010)	NA
1,3,5-Trinitrobenzene	ND(0.010) J	NA NA	ND(0.010) J	NA NA
1,3-Dichlorobenzene	ND(0.010)	ND(0.0050)	ND(0.010)	ND(0.0050)
1,3-Dinitrobenzene	ND(0.010)	NA 0.0017 J	ND(0.010)	NA ND(0.0050)
1,4-Dichlorobenzene 1,4-Naphthoquinone	0.030 ND(0.010) J	0.0017 J NA	ND(0.010) ND(0.010)	ND(0.0050)
1-Naphthylamine	ND(0.010) 3	NA NA	ND(0.010)	NA NA
2,3,4,6-Tetrachlorophenol	ND(0.010)	NA NA	ND(0.010)	NA NA
2,4,5-Trichlorophenol	ND(0.010)	NA NA	ND(0.010)	NA NA
2,4,6-Trichlorophenol	ND(0.010)	NA	ND(0.010)	NA
2,4-Dichlorophenol	ND(0.010)	NA	ND(0.010)	NA
2,4-Dimethylphenol	ND(0.010)	NA	ND(0.010)	NA
2,4-Dinitrophenol	ND(0.050)	NA	ND(0.050)	NA
2,4-Dinitrotoluene	ND(0.010)	NA	ND(0.010)	NA
2,6-Dichlorophenol	ND(0.010)	NA	ND(0.010)	NA
2,6-Dinitrotoluene	ND(0.010)	NA NA	ND(0.010) J	NA NA
2-Acetylaminofluorene	ND(0.010)	NA NA	ND(0.010)	NA NA
2-Chloronaphthalene 2-Chlorophenol	ND(0.010) ND(0.010)	NA NA	ND(0.010) ND(0.010)	NA NA
2-Methylnaphthalene	ND(0.010)	NA NA	0.0062 J	NA NA
2-Methylphenol	ND(0.010)	NA NA	ND(0.010)	NA NA
2-Naphthylamine	ND(0.010)	NA NA	ND(0.010)	NA NA
2-Nitroaniline	ND(0.050)	NA	ND(0.050)	NA
2-Nitrophenol	ND(0.010)	NA	ND(0.010)	NA
2-Picoline	ND(0.010)	NA	ND(0.010)	NA
3&4-Methylphenol	ND(0.010)	NA	ND(0.010)	NA
3,3'-Dichlorobenzidine	ND(0.020)	NA	ND(0.020) J	NA
3,3'-Dimethylbenzidine	ND(0.010)	NA	ND(0.010)	NA
3-Methylcholanthrene	ND(0.010)	NA	ND(0.010)	NA
3-Nitroaniline	ND(0.050)	NA NA	ND(0.050)	NA NA
4,6-Dinitro-2-methylphenol 4-Aminobiphenyl	ND(0.050)	NA NA	ND(0.050)	NA NA
4-Bromophenyl-phenylether	ND(0.010) ND(0.010)	NA NA	ND(0.010) ND(0.010)	NA NA
4-Chloro-3-Methylphenol	ND(0.010)	NA NA	ND(0.010)	NA NA
4-Chloroaniline	ND(0.010)	NA NA	ND(0.010)	NA NA
4-Chlorobenzilate	ND(0.010)	NA	ND(0.010)	NA NA
4-Chlorophenol	NA	NA	NA	NA
4-Chlorophenyl-phenylether	ND(0.010)	NA	ND(0.010)	NA
4-Nitroaniline	ND(0.050)	NA	ND(0.050)	NA
4-Nitrophenol	ND(0.050) J	NA	ND(0.050) J	NA
4-Nitroquinoline-1-oxide	ND(0.010) J	NA	ND(0.010) J	NA
4-Phenylenediamine	ND(0.010)	NA NA	ND(0.010)	NA NA
5-Nitro-o-toluidine	ND(0.010)	NA NA	ND(0.010)	NA NA
7,12-Dimethylbenz(a)anthracene	ND(0.010)	NA NA	ND(0.010)	NA NA
a,a'-Dimethylphenethylamine	ND(0.010) ND(0.010)	NA NA	ND(0.010)	NA NA
Acenaphthene Acenaphthylene	ND(0.010) ND(0.010)	NA NA	0.015 ND(0.010)	NA NA
Acetophenone	ND(0.010) ND(0.010)	NA NA	ND(0.010) ND(0.010)	NA NA
Aniline	ND(0.010)	NA NA	ND(0.010)	NA NA
Anthracene	ND(0.010)	NA NA	ND(0.010)	NA NA
Aramite	ND(0.010)	NA NA	ND(0.010)	NA NA
Benzidine	ND(0.020) J	NA NA	ND(0.020) J	NA NA

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

D	Sample ID:	114B-R	GMA3-2	GMA3-3	GMA3-4
Parameter	Date Collected:	10/14/04	10/06/04	10/15/04	10/08/04
	ganics (continued)	NID (0.040)	1 11	ND(0.040)	NIA.
Benzo(a)anthrac	cene	ND(0.010)	NA NA	ND(0.010)	NA NA
Benzo(a)pyrene	thono	ND(0.010)	NA NA	ND(0.010)	NA NA
Benzo(b)fluorant Benzo(g,h,i)pery		ND(0.010) ND(0.010)	NA NA	ND(0.010) ND(0.010)	NA NA
Benzo(g,n,n)pery Benzo(k)fluorant		ND(0.010)	NA NA	ND(0.010)	NA NA
Benzyl Alcohol	inene	ND(0.010)	NA NA	ND(0.010)	NA NA
bis(2-Chloroetho	vvv)methane	ND(0.020)	NA NA	ND(0.020)	NA NA
bis(2-Chloroethy	•	ND(0.010)	NA NA	ND(0.010)	NA NA
bis(2-Chloroisop		ND(0.010) J	NA NA	ND(0.010) J	NA NA
bis(2-Ethylhexyl)	17/	ND(0.0060)	NA NA	ND(0.0060)	NA NA
Butylbenzylphtha		ND(0.010)	NA NA	ND(0.010)	NA NA
Chrysene	aidto	ND(0.010)	NA NA	ND(0.010)	NA NA
Diallate		ND(0.010)	NA NA	ND(0.010)	NA NA
Dibenzo(a,h)antl	hracene	ND(0.010)	NA NA	ND(0.010)	NA NA
Dibenzofuran		ND(0.010)	NA NA	0.0065 J	NA NA
Diethylphthalate		ND(0.010)	NA	ND(0.010)	NA
Dimethylphthalat		ND(0.010)	NA NA	ND(0.010)	NA NA
Di-n-Butylphthala		ND(0.010)	NA	ND(0.010)	NA NA
Di-n-Octylphthala		ND(0.010)	NA	ND(0.010)	NA
Diphenylamine		ND(0.010)	NA	ND(0.010)	NA
Ethyl Methanesu	ılfonate	ND(0.010)	NA	ND(0.010)	NA
Fluoranthene		ND(0.010)	NA	ND(0.010)	NA
Fluorene		ND(0.010)	NA	0.0067 J	NA
Hexachlorobenz	ene	ND(0.010)	NA	ND(0.010)	NA
Hexachlorobutad	diene	ND(0.050)	NA	ND(0.0050)	NA
Hexachlorocyclo	pentadiene	ND(0.010)	NA	ND(0.010)	NA
Hexachloroethar	ne	ND(0.010)	NA	ND(0.010)	NA
Hexachlorophen	е	ND(0.020)	NA	ND(0.020)	NA
Hexachloroprope	ene	ND(0.010)	NA	ND(0.010)	NA
Indeno(1,2,3-cd)	pyrene	ND(0.010)	NA	ND(0.010)	NA
Isodrin		ND(0.010)	NA	ND(0.010)	NA
Isophorone		ND(0.010)	NA	ND(0.010)	NA
Isosafrole		ND(0.010)	NA	ND(0.010)	NA
Methapyrilene		ND(0.010)	NA	ND(0.010) J	NA
Methyl Methanes	sulfonate	ND(0.010) J	NA	ND(0.010) J	NA
Naphthalene		ND(0.010)	ND(0.0050)	0.0043 J	ND(0.0050)
Nitrobenzene		ND(0.010)	NA	ND(0.010)	NA
N-Nitrosodiethyla		ND(0.010)	NA NA	ND(0.010)	NA NA
N-Nitrosodimeth	•	ND(0.010)	NA NA	ND(0.010)	NA NA
N-Nitroso-di-n-bi		ND(0.010)	NA NA	ND(0.010)	NA NA
N-Nitroso-di-n-pi		0.0083 J	NA NA	ND(0.010)	NA NA
N-Nitrosodiphen	,	ND(0.010) ND(0.010)	NA NA	ND(0.010)	NA NA
N-Nitrosomethyle N-Nitrosomorpho			NA NA	ND(0.010)	NA NA
N-Nitrosomorpho N-Nitrosopiperid		ND(0.010) J ND(0.010)	NA NA	ND(0.010) J ND(0.010)	NA NA
N-Nitrosopiperia N-Nitrosopyrrolia		ND(0.010)	NA NA	ND(0.010) ND(0.010)	NA NA
o,o,o-Triethylpho		ND(0.010)	NA NA	ND(0.010)	NA NA
o-Toluidine	opriorotilioate	ND(0.010)	NA NA	ND(0.010)	NA NA
p-Dimethylamino	pazobenzene	ND(0.010)	NA NA	ND(0.010)	NA NA
Pentachlorobenz		ND(0.010)	NA NA	ND(0.010)	NA NA
Pentachloroetha		ND(0.010)	NA NA	ND(0.010)	NA NA
Pentachloronitro		ND(0.010)	NA NA	ND(0.010)	NA NA
Pentachloropher		ND(0.050)	NA NA	ND(0.050)	NA NA
Phenacetin		ND(0.010)	NA NA	ND(0.010)	NA NA
Phenanthrene		ND(0.010)	NA NA	0.0053 J	NA NA
Phenol		ND(0.010)	NA NA	ND(0.010)	NA NA
Pronamide		ND(0.010) J	NA NA	ND(0.010) J	NA NA
Pyrene		ND(0.010)	NA NA	ND(0.010)	NA NA
Pyridine		ND(0.010)	NA NA	ND(0.010)	NA
Safrole		ND(0.010) J	NA	ND(0.010) J	NA
		\/-	NA	, -	NA

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Dougnestes	Sample ID:	114B-R	GMA3-2	GMA3-3	GMA3-4
Parameter Organochlorine	Date Collected:	10/14/04	10/06/04	10/15/04	10/08/04
3rganochiorine 4.4'-DDD	Pesticides	ND(0.00010)	NA	ND(0.00010)	NA
4,4'-DDE		ND(0.00010) ND(0.00010)	NA NA	ND(0.00010) ND(0.00010)	NA NA
4,4'-DDT		ND(0.00010)	NA NA	ND(0.00010)	NA NA
Aldrin		ND(0.00010)	NA NA	ND(0.000050)	NA NA
Alpha-BHC		ND(0.000050)	NA	ND(0.000050)	NA
Alpha-Chlordane)	ND(0.000050)	NA	ND(0.000050)	NA
Beta-BHC		ND(0.000050)	NA	ND(0.000050)	NA
Delta-BHC		ND(0.000050)	NA	ND(0.000050)	NA
Dieldrin		ND(0.00010)	NA	ND(0.00010)	NA
Endosulfan I		ND(0.00010)	NA	ND(0.00010)	NA
Endosulfan II		ND(0.00010)	NA	ND(0.00010)	NA
Endosulfan Sulfa	ate	ND(0.00010)	NA	ND(0.00010)	NA
Endrin		ND(0.00010)	NA	ND(0.00010)	NA
Endrin Aldehyde		ND(0.00010)	NA	ND(0.00010)	NA
Endrin Ketone		ND(0.00010)	NA	ND(0.00010)	NA
Gamma-BHC (Li		ND(0.000050)	NA	ND(0.000050)	NA
Gamma-Chlorda	ne	ND(0.000050)	NA NA	ND(0.000050)	NA NA
Heptachlor	ida.	ND(0.000050)	NA NA	ND(0.000050)	NA NA
Heptachlor Epox	iae	ND(0.000050)	NA NA	ND(0.000050)	NA NA
Kepone Mothovychlor		ND(0.050)	NA NA	ND(0.050)	NA NA
Methoxychlor Technical Chloro	lono	ND(0.00050)	NA NA	ND(0.00050)	NA NA
Toxaphene	ane	ND(0.00050) ND(0.0010)	NA NA	ND(0.00050) ND(0.0010)	NA NA
	eta Dantinidan	ND(0.0010)	INA	ND(0.0010)	INA
Organophospha	ate Pesticides	ND(0.050)	NIA	ND(0.050)	NIA
Dimethoate Disulfoton		ND(0.050)	NA NA	ND(0.050)	NA NA
Ethyl Parathion		ND(0.010) ND(0.010)	NA NA	ND(0.010) ND(0.010)	NA NA
Famphur		ND(0.010) ND(0.050)	NA NA	ND(0.010) ND(0.050)	NA NA
Methyl Parathion	,	ND(0.030) ND(0.010)	NA NA	ND(0.030)	NA NA
Phorate		ND(0.010)	NA NA	ND(0.010)	NA NA
Sulfotep		ND(0.010)	NA NA	ND(0.010)	NA NA
Herbicides		112 (0.010)		112 (0.010)	
2,4,5-T		ND(0.0020)	NA	ND(0.0020)	NA
2,4,5-TP		ND(0.0020)	NA NA	ND(0.0020)	NA NA
2,4-D		ND(0.010)	NA	ND(0.010)	NA
Dinoseb		ND(0.0010)	NA	ND(0.0010)	NA
Furans		, ,			
2,3,7,8-TCDF		ND(0.0000000021)	NA	ND(0.000000032)	NA
TCDFs (total)		ND(0.0000000021)	NA	ND(0.000000032)	NA
1,2,3,7,8-PeCDF		ND(0.000000017)	NA	ND(0.000000027)	NA
2,3,4,7,8-PeCDF		ND(0.000000017)	NA	ND(0.0000000027)	NA
PeCDFs (total)		ND(0.0000000024)	NA	ND(0.0000000027)	NA
1,2,3,4,7,8-HxC[)F	ND(0.000000017)	NA	ND(0.0000000023)	NA
1,2,3,6,7,8-HxCE)F	ND(0.0000000015)	NA	ND(0.0000000021)	NA
1,2,3,7,8,9-HxCE)F	ND(0.000000018)	NA	ND(0.0000000025)	NA
2,3,4,6,7,8-HxCE)F	ND(0.000000016)	NA	ND(0.0000000023)	NA
HxCDFs (total)		ND(0.0000000018)	NA	ND(0.0000000025)	NA
1,2,3,4,6,7,8-Hp		ND(0.0000000011)	NA	ND(0.000000017)	NA
1,2,3,4,7,8,9-Hp	CDF	ND(0.000000014)	NA	ND(0.0000000021)	NA
HpCDFs (total)		ND(0.000000014)	NA	ND(0.0000000021)	NA
OCDF		ND(0.000000034)	NA	ND(0.0000000058)	NA
Dioxins					
2,3,7,8-TCDD		ND(0.0000000016)	NA	ND(0.0000000022)	NA
TCDDs (total)		ND(0.0000000016)	NA	ND(0.0000000022)	NA
1,2,3,7,8-PeCDE)	ND(0.0000000025)	NA NA	ND(0.0000000034)	NA
PeCDDs (total)	ND.	ND(0.0000000025)	NA NA	ND(0.0000000034)	NA NA
1,2,3,4,7,8-HxC[ND(0.0000000028)	NA NA	ND(0.0000000034)	NA NA
1,2,3,6,7,8-HxC[ND(0.0000000022)	NA NA	ND(0.0000000027)	NA NA
1,2,3,7,8,9-HxC[טט	ND(0.0000000023)	NA NA	ND(0.0000000028)	NA NA
HxCDDs (total)	CDD	ND(0.0000000028)	NA NA	ND(0.0000000034)	NA NA
1,2,3,4,6,7,8-Hp(טטט	ND(0.0000000021)	NA NA	ND(0.0000000029)	NA NA
HpCDDs (total)		ND(0.0000000021)	NA NA	ND(0.0000000029)	NA NA
OCDD	O TEE-)	ND(0.0000000025)	NA NA	ND(0.0000000032)	NA NA
Total TEQs (WH	U IEFS)	0.000000033	NA	0.000000046	NA

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Parameter	Sample ID: Date Collected:	114B-R 10/14/04	GMA3-2 10/06/04	GMA3-3 10/15/04	GMA3-4 10/08/04
Inorganics-Unfi	iltered				
Antimony		ND(0.0600)	NA	ND(0.0600)	NA
Arsenic		ND(0.0100)	NA	0.0240	NA
Barium		0.140 B	NA	0.420	NA
Beryllium		ND(0.00100)	NA	ND(0.00100)	NA
Cadmium		ND(0.00500)	NA	ND(0.00500)	NA
Chromium		ND(0.0075)	NA	ND(0.010)	NA
Cobalt		ND(0.0500)	NA	ND(0.0500)	NA
Copper		0.00180 B	NA	ND(0.0250)	NA
Cyanide		ND(0.0100)	NA	0.00350 B	NA
Lead		ND(0.00300)	NA	0.000440 B	NA
Mercury		ND(0.000200)	NA	ND(0.000200)	NA
Nickel		0.0130 B	NA	0.00180 B	NA
Selenium		ND(0.00500)	NA	ND(0.00500)	NA
Silver		ND(0.00500)	NA	ND(0.00500)	NA
Sulfide		ND(5.00)	NA	ND(5.00)	NA
Thallium		ND(0.0100) J	NA	ND(0.0100) J	NA
Tin		ND(0.0300)	NA	ND(0.0300)	NA
Vanadium		ND(0.0500)	NA	ND(0.0500)	NA
Zinc		0.0140 B	NA	0.0140 B	NA
Inorganics-Filte	ered				
Antimony		ND(0.0600)	NA	ND(0.0600)	NA
Arsenic		ND(0.0100)	NA	ND(0.0100)	NA
Barium		0.150 B	NA	0.390	NA
Beryllium		ND(0.00100)	NA	ND(0.00100)	NA
Cadmium		ND(0.00500)	NA	ND(0.00500)	NA
Chromium		ND(0.010)	NA	ND(0.0075)	NA
Cobalt		ND(0.0500)	NA	ND(0.0500)	NA
Copper		ND(0.009)	NA	ND(0.009)	NA
Cyanide		ND(0.0100)	NA	0.00370 B	NA
Lead		ND(0.00300)	NA	ND(0.00300)	NA
Mercury		ND(0.000200)	NA	ND(0.000200)	NA
Nickel		ND(0.0400)	NA	0.00280 B	NA
Selenium		ND(0.00500)	NA	ND(0.00500)	NA
Silver		ND(0.00500)	NA	ND(0.00500)	NA
Thallium		ND(0.0100) J	NA	ND(0.0100) J	NA
Tin		ND(0.0300)	NA	ND(0.0300)	NA
Vanadium		ND(0.0500)	NA	ND(0.0500)	NA
Zinc		ND(0.020)	NA	ND(0.0200)	NA

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Parameter	Sample ID: Date Collected:	GMA3-5 10/07/04	GMA3-6 10/07/04	GMA3-7 10/08/04	GMA3-8 10/21/04
Volatile Organics	24.0 00.100.104.1		10/01/01	10/00/01	10/21/01
1,1,1,2-Tetrachlord	ethane	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1,1-Trichloroetha	ine	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1,2,2-Tetrachlord	ethane	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1,2-Trichloroetha	ine	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1-Dichloroethane)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1-Dichloroethene)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2,3-Trichloroprop	ane	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dibromo-3-chlo	oropropane	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dibromoethane	9	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloroethane)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dichloropropar	ne	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,4-Dioxane		ND(0.20) J [ND(0.20) J]	ND(0.20) J	ND(0.20) J	ND(0.20) J
2-Butanone		ND(0.010) J [ND(0.010) J]	ND(0.010) J	ND(0.010) J	ND(0.010) J
2-Chloro-1,3-butac	liene	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
2-Chloroethylvinyle	ether	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
2-Hexanone		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.010)
3-Chloropropene		ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
4-Methyl-2-pentane	one	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.010)
Acetone		ND(0.010) [ND(0.010)]	ND(0.010) J	ND(0.010) J	ND(0.010)
Acetonitrile		ND(0.10) J [ND(0.10) J]	ND(0.10) J	ND(0.10) J	ND(0.10) J
Acrolein		ND(0.10) J [ND(0.10) J]	ND(0.10)	ND(0.10)	ND(0.10)
Acrylonitrile		ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Benzene		ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Bromodichloromet	nane	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Bromoform		ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Bromomethane		ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0020)	ND(0.0020) J
Carbon Disulfide		ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon Tetrachlori	de	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene		ND(0.0050) [ND(0.0050)]	0.0033 J	ND(0.0050)	ND(0.0050)
Chloroethane		ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform		ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane		ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
cis-1,3-Dichloropro	pene	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Dibromochloromet		ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Dibromomethane		ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Dichlorodifluorome	thane	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethyl Methacrylate		ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene		ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Iodomethane		ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Isobutanol		ND(0.10) J [ND(0.10) J]	ND(0.10) J	ND(0.10) J	ND(0.10) J
Methacrylonitrile		ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methyl Methacryla	te	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene Chloride	9	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Propionitrile		ND(0.010) J [ND(0.010) J]	ND(0.010) J	ND(0.010) J	ND(0.010) J
Styrene		ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene		ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0020)	ND(0.0020) J
Toluene		ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
trans-1,2-Dichloroe	ethene	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
trans-1,3-Dichlorop	propene	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
trans-1,4-Dichloro-	2-butene	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene		ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichlorofluorometl	nane	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Acetate		ND(0.0050) [ND(0.0050)]	ND(0.0050) J	ND(0.0050) J	ND(0.0050)
Vinyl Chloride		ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0020)	ND(0.0020)
Xylenes (total)		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.010)
Total VOCs		ND(0.20) [ND(0.20)]	0.0033 J	ND(0.20)	ND(0.20)
PCBs-Unfiltered					
Aroclor-1016		ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)	NA
Aroclor-1221		ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)	NA
Aroclor-1232		ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)	NA
Aroclor-1242		ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)	NA
Aroclor-1248		ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)	NA
Aroclor-1254		0.000028 J [0.000027 J]	0.000029 J	0.000065	NA
		ND(0.000065) [ND(0.000065)]	ND(0.00065)	ND(0.000065)	NA
Aroclor-1260					

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

	Sample ID:	GMA3-5	GMA3-6	GMA3-7	GMA3-8
Parameter	Date Collected:	10/07/04	10/07/04	10/08/04	10/21/04
PCBs-Filtered					
Aroclor-1016		ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)	NA
Aroclor-1221		ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)	NA
Aroclor-1232		ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)	NA
Aroclor-1242		ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)	NA
Aroclor-1248		ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)	NA
Aroclor-1254		0.000024 J [0.000024 J]	ND(0.000065)	0.000039 J	NA NA
Aroclor-1260 Total PCBs		ND(0.000065) [ND(0.000065)] 0.000024 J [0.000024 J]	ND(0.000065) ND(0.000065)	ND(0.000065) 0.000039 J	NA NA
Semivolatile Or	ganice	0.000024 3 [0.000024 3]	ND(0.000003)	0.000039 3	INA
1.2.4.5-Tetrachlo		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
1.2.4-Trichlorobe		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.0050)
1,2-Dichlorobenz		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.0050)
1,2-Diphenylhydi		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA NA
1,3,5-Trinitroben		ND(0.010) J [ND(0.010) J]	ND(0.010) J	ND(0.010) J	NA
1,3-Dichlorobenz	zene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.0050)
1,3-Dinitrobenze	ne	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
1,4-Dichlorobenz		ND(0.010) [ND(0.010)]	0.0030 J	ND(0.010)	ND(0.0050)
1,4-Naphthoquin		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
1-Naphthylamine		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA NA
2,3,4,6-Tetrachlo		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA NA
2,4,5-Trichloroph		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA NA
2,4,6-Trichloroph 2,4-Dichloropher		ND(0.010) [ND(0.010)] ND(0.010) [ND(0.010)]	ND(0.010) ND(0.010)	ND(0.010) ND(0.010)	NA NA
2,4-Dichioropher		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA NA
2,4-Dinitropheno		ND(0.010) [ND(0.050)]	ND(0.050)	ND(0.050)	NA NA
2.4-Dinitrotoluen		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA NA
2,6-Dichloropher		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
2,6-Dinitrotoluen		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
2-Acetylaminoflu	orene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
2-Chloronaphtha	lene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
2-Chlorophenol		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
2-Methylnaphtha	lene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
2-Methylphenol		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
2-Naphthylamine)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA NA
2-Nitroaniline		ND(0.050) [ND(0.050)]	ND(0.050)	ND(0.050)	NA NA
2-Nitrophenol 2-Picoline		ND(0.010) [ND(0.010)] ND(0.010) [ND(0.010)]	ND(0.010) ND(0.010)	ND(0.010) ND(0.010)	NA NA
3&4-Methylphen	ol	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA NA
3,3'-Dichloroben		ND(0.020) [ND(0.020)]	ND(0.020) J	ND(0.020) J	NA NA
3,3'-Dimethylben		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
3-Methylcholanth		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
3-Nitroaniline		ND(0.050) [ND(0.050)]	ND(0.050)	ND(0.050)	NA
4,6-Dinitro-2-met	thylphenol	ND(0.050) [ND(0.050)]	ND(0.050)	ND(0.050)	NA
4-Aminobiphenyl		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
4-Bromophenyl-p		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
4-Chloro-3-Methy	ylphenol	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
4-Chloroaniline	_	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA NA
4-Chlorobenzilate	е	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA NA
4-Chlorophenol	handathar	NA ND(0.010) [ND(0.010)]	NA ND(0.010)	NA ND(0.010)	NA NA
4-Chlorophenyl-p 4-Nitroaniline	onenyieurer	ND(0.010) [ND(0.010)] ND(0.050) [ND(0.050)]	ND(0.010) ND(0.050)	ND(0.010) ND(0.050)	NA NA
4-Nitrophenol		ND(0.050) [ND(0.050)] ND(0.050) J [ND(0.050) J]	ND(0.050)	ND(0.050) J	NA NA
4-Nitroquinoline-	1-oxide	ND(0.010) J [ND(0.010) J]	ND(0.030) J	ND(0.030) J	NA NA
4-Phenylenedian		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA NA
5-Nitro-o-toluidin		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
7,12-Dimethylbe		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
a,a'-Dimethylphe	enethylamine	ND(0.010) [ND(0.010)]	ND(0.010) J	ND(0.010) J	NA
Acenaphthene	-	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Acenaphthylene		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Acetophenone		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Aniline		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Anthracene		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA NA
Aramite		ND(0.010) J [ND(0.010) J]	ND(0.010)	ND(0.010)	NA NA
Benzidine		ND(0.020) J [ND(0.020) J]	ND(0.020) J	ND(0.020) J	NA

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	ample ID: Collected:	GMA3-5 10/07/04	GMA3-6 10/07/04	GMA3-7 10/08/04	GMA3-8 10/21/04
Semivolatile Organics (co		10/07/04	10/07/04	10/00/04	10/21/04
Benzo(a)anthracene	initinueu)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Benzo(a)pyrene		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA NA
Benzo(b)fluoranthene		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA NA
Benzo(g,h,i)perylene		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA NA
Benzo(k)fluoranthene		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Benzyl Alcohol		ND(0.020) [ND(0.020)]	ND(0.020)	ND(0.020)	NA
bis(2-Chloroethoxy)methan	е	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
bis(2-Chloroethyl)ether		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
bis(2-Chloroisopropyl)ether		ND(0.010) J [ND(0.010) J]	ND(0.010) J	ND(0.010) J	NA
bis(2-Ethylhexyl)phthalate		ND(0.0060) [ND(0.0060)]	ND(0.0060)	ND(0.0060)	NA
Butylbenzylphthalate		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Chrysene		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Diallate		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Dibenzo(a,h)anthracene		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Dibenzofuran		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Diethylphthalate		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Dimethylphthalate		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Di-n-Butylphthalate		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Di-n-Octylphthalate		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Diphenylamine		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Ethyl Methanesulfonate		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Fluoranthene		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Fluorene		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Hexachlorobenzene		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Hexachlorobutadiene		ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	NA
Hexachlorocyclopentadiene	9	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Hexachloroethane		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Hexachlorophene		ND(0.020) [ND(0.020)]	ND(0.020)	ND(0.020)	NA
Hexachloropropene		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Indeno(1,2,3-cd)pyrene		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA NA
Isodrin		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) ND(0.010)	NA NA
Isophorone		ND(0.010) [ND(0.010)]	ND(0.010)	(/	NA NA
Isosafrole Methapyrilene		ND(0.010) [ND(0.010)] ND(0.010) J [ND(0.010) J]	ND(0.010) ND(0.010)	ND(0.010) ND(0.010)	NA NA
Methyl Methanesulfonate		ND(0.010) J [ND(0.010) J]	ND(0.010) J	ND(0.010) ND(0.010) J	NA NA
Naphthalene		ND(0.010) 3 [ND(0.010) 3] ND(0.010) [ND(0.010)]	ND(0.010) 3	ND(0.010) 3	0.0042 J
Nitrobenzene		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	0.0042 3 NA
N-Nitrosodiethylamine		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA NA
N-Nitrosodimethylamine		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA NA
N-Nitroso-di-n-butylamine		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA NA
N-Nitroso-di-n-propylamine		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA NA
N-Nitrosodiphenvlamine		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA NA
N-Nitrosomethylethylamine		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA NA
N-Nitrosomorpholine		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
N-Nitrosopiperidine		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
N-Nitrosopyrrolidine		ND(0.010) [ND(0.010)]	ND(0.010) J	ND(0.010) J	NA
o,o,o-Triethylphosphorothic	ate	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
o-Toluidine		ND(0.010) [ND(0.010)]	ND(0.010) J	ND(0.010) J	NA
p-Dimethylaminoazobenzer	ne	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Pentachlorobenzene		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Pentachloroethane		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Pentachloronitrobenzene		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Pentachlorophenol		ND(0.050) [ND(0.050)]	ND(0.050)	ND(0.050)	NA
Phenacetin		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Phenanthrene		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Phenol		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Pronamide		ND(0.010) J [ND(0.010) J]	ND(0.010) J	ND(0.010) J	NA
Pyrene		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Pyridine		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Safrole		ND(0.010) J [ND(0.010) J]	ND(0.010) J	ND(0.010) J	NA
Thionazin		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Parameter	Sample ID: Date Collected:	GMA3-5 10/07/04	GMA3-6 10/07/04	GMA3-7 10/08/04	GMA3-8 10/21/04
Organochlorine			10/01/01	10/00/01	.0,2.,0.
4.4'-DDD		ND(0.00010) [ND(0.00010)]	ND(0.00010)	ND(0.00010)	NA
4,4'-DDE		ND(0.00010) [ND(0.00010)]	ND(0.00010)	ND(0.00010)	NA
4,4'-DDT		ND(0.00010) [ND(0.00010)]	ND(0.00010)	ND(0.00010)	NA
Aldrin		ND(0.000050) [ND(0.000050)]	ND(0.000050)	ND(0.000050)	NA
Alpha-BHC		ND(0.000050) [ND(0.000050)]	ND(0.000050)	ND(0.000050)	NA
Alpha-Chlordane		ND(0.000050) [ND(0.000050)]	ND(0.000050)	ND(0.000050)	NA
Beta-BHC		ND(0.000050) [ND(0.000050)]	ND(0.000050)	ND(0.000050)	NA
Delta-BHC		ND(0.000050) [ND(0.000050)]	ND(0.000050)	ND(0.000050)	NA
Dieldrin		ND(0.00010) [ND(0.00010)]	ND(0.00010)	ND(0.00010)	NA
Endosulfan I		ND(0.00010) [ND(0.00010)]	ND(0.00010)	ND(0.00010)	NA
Endosulfan II		ND(0.00010) [ND(0.00010)]	ND(0.00010)	ND(0.00010)	NA
Endosulfan Sulfa	te	ND(0.00010) [ND(0.00010)]	ND(0.00010)	ND(0.00010)	NA
Endrin		ND(0.00010) [ND(0.00010)]	ND(0.00010)	ND(0.00010)	NA
Endrin Aldehyde		ND(0.00010) [ND(0.00010)]	ND(0.00010)	ND(0.00010)	NA
Endrin Ketone		ND(0.00010) [ND(0.00010)]	ND(0.00010)	ND(0.00010)	NA
Gamma-BHC (Lii		ND(0.000050) [ND(0.000050)]	ND(0.000050)	ND(0.000050)	NA
Gamma-Chlordai	ne	ND(0.000050) [ND(0.000050)]	ND(0.000050)	ND(0.000050)	NA
Heptachlor		ND(0.000050) [ND(0.000050)]	ND(0.000050)	ND(0.000050)	NA NA
Heptachlor Epoxi	de	ND(0.000050) [ND(0.000050)]	ND(0.000050)	ND(0.000050)	NA NA
Kepone		ND(0.050) [ND(0.050)]	ND(0.050)	ND(0.050)	NA NA
Methoxychlor		ND(0.00050) [ND(0.00050)]	ND(0.00050)	ND(0.00050)	NA
Technical Chlord	ane	ND(0.00050) [ND(0.00050)]	ND(0.00050)	ND(0.00050)	NA NA
Toxaphene		ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	NA
Organophospha	ite Pesticides				
Dimethoate		ND(0.050) [ND(0.050)]	ND(0.050)	ND(0.050)	NA
Disulfoton		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
thyl Parathion		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
amphur		ND(0.050) [ND(0.050)]	ND(0.050)	ND(0.050)	NA
Methyl Parathion		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Phorate		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA NA
Sulfotep		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA
Herbicides					
2,4,5-T		ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0020)	NA
2,4,5-TP		ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0020)	NA
2,4-D		ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA NA
Dinoseb		ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	NA
Furans			N		
2,3,7,8-TCDF		ND(0.0000000024) [ND(0.0000000025)]	ND(0.0000000020)	ND(0.0000000022)	NA
TCDFs (total)		ND(0.0000000024) [ND(0.0000000025)]	ND(0.0000000020)	ND(0.0000000022)	NA
1,2,3,7,8-PeCDF		ND(0.0000000038) [ND(0.0000000042)]	ND(0.0000000031)	ND(0.0000000032)	NA NA
2,3,4,7,8-PeCDF		ND(0.0000000037) [ND(0.0000000041)]	ND(0.0000000030)	ND(0.0000000031)	NA NA
PeCDFs (total)	\ -	ND(0.0000000038) [ND(0.0000000042)]	ND(0.0000000031)	ND(0.0000000032)	NA NA
1,2,3,4,7,8-HxCD		ND(0.0000000041) [ND(0.0000000033)]	ND(0.0000000033)	ND(0.0000000028) ND(0.0000000027)	NA NA
1,2,3,6,7,8-HxCD 1,2,3,7,8,9-HxCD		ND(0.0000000039) [ND(0.0000000031)]	ND(0.000000031)	(NA NA
 	_	ND(0.0000000048) [ND(0.0000000039)]	ND(0.000000039)	ND(0.000000034)	
2,3,4,6,7,8-HxCD	7	ND(0.0000000042) [ND(0.0000000034)]	ND(0.0000000034)	ND(0.0000000030)	NA NA
HxCDFs (total)	PDE .	ND(0.0000000048) [ND(0.0000000039)] ND(0.0000000030) [ND(0.0000000030)]	ND(0.0000000039)	ND(0.000000034) ND(0.0000000020)	NA NA
1,2,3,4,6,7,8-HpC		ND(0.0000000030) [ND(0.000000030)] ND(0.0000000037) [ND(0.0000000036)]	ND(0.0000000024) ND(0.0000000030)	ND(0.0000000020)	NA NA
1,2,3,4,7,8,9-HpC HpCDFs (total)	וטע	ND(0.0000000037) [ND(0.000000036)]	ND(0.000000030)	ND(0.0000000025)	NA NA
OCDFs (total)		ND(0.0000000037) [ND(0.0000000038)]	ND(0.0000000030) ND(0.00000000048)	ND(0.0000000025) ND(0.0000000051)	NA NA
		[ND(0.0000000003) [ND(0.0000000038)]	14D(0:000000048)	ND(0:0000000031)	INA
Dioxins 2,3,7,8-TCDD	ı	ND(0.0000000030) [ND(0.0000000029)]	ND(0.000000031)	ND(0.000000031)	NIA
, , ,		, , , , , , , , , , , , , , , , , , , ,	ND(0.000000031) ND(0.0000000031)	ND(0.0000000031)	NA NA
CDDs (total) ,2,3,7,8-PeCDD	,	ND(0.0000000030) [ND(0.0000000029)] ND(0.0000000055) [ND(0.0000000059)]	ND(0.000000031) ND(0.0000000059)	ND(0.0000000031)	NA NA
, , , ,	'	, , , , , , , , , , , , , , , , , , , ,	, ,	ND(0.0000000056) ND(0.0000000056)	
PeCDDs (total) ,2,3,4,7,8-HxCD	ND.	ND(0.0000000055) [ND(0.0000000059)]	ND(0.0000000059) ND(0.0000000040)	ND(0.0000000056)	NA NA
,2,3,4,7,8-HXCL ,2,3,6,7,8-HxCD		ND(0.0000000047) [ND(0.0000000045)] ND(0.0000000042) [ND(0.0000000040)]	ND(0.000000040) ND(0.0000000036)	ND(0.000000036) ND(0.000000032)	NA NA
,2,3,6,7,8-HXCD ,2,3,7,8,9-HxCD		ND(0.0000000042) [ND(0.0000000040)] ND(0.0000000043) [ND(0.0000000041)]	ND(0.000000036)	ND(0.000000032)	NA NA
1xCDDs (total)	טי	ND(0.0000000043) [ND(0.000000041)] ND(0.0000000047) [ND(0.0000000045)]	ND(0.000000037) ND(0.0000000040)	ND(0.0000000033)	NA NA
1,2,3,4,6,7,8-HpC	מחי	ND(0.0000000047) [ND(0.0000000045)] ND(0.0000000050) [ND(0.0000000044)]	ND(0.0000000040) ND(0.00000000035)	ND(0.0000000036)	NA NA
г,∠,з,4,6,7,8-прс HpCDDs (total)	טטע	ND(0.0000000050) [ND(0.0000000044)]	ND(0.0000000035)	ND(0.000000039)	NA NA
OCDDs (total)		ND(0.0000000030) [ND(0.0000000044)] ND(0.000000013) [ND(0.0000000045)]	ND(0.0000000035)	ND(0.0000000039) ND(0.00000000044)	NA NA
Total TEQs (WH	O TEEs)	0.000000070 [0.0000000070]	0.0000000045)	0.0000000044)	NA NA
ı ∪ıaı ı ∟ ⊌ə (VV∏	∪ 1 L1 3 <i>)</i>	0.0000000000000000000000000000000000000	0.0000000001	0.000000000	INA

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

	Sample ID:	GMA3-5	GMA3-6	GMA3-7	GMA3-8
Parameter	Date Collected:	10/07/04	10/07/04	10/08/04	10/21/04
Inorganics-Unfile	ered				
Antimony		ND(0.0600) [ND(0.0600)]	ND(0.0600)	ND(0.0600)	NA
Arsenic		ND(0.0100) [ND(0.0100)]	0.00530 B	ND(0.0100)	NA
Barium		0.0430 B [0.0430 B]	0.300	0.0860 B	NA
Beryllium		ND(0.00100) [ND(0.00100)]	ND(0.00100)	ND(0.00100)	NA
Cadmium		ND(0.00500) [ND(0.00500)]	ND(0.00500)	ND(0.00500)	NA
Chromium		ND(0.0100) [ND(0.0100)]	ND(0.0100)	0.00330 B	NA
Cobalt		0.00120 B [0.00160 B]	ND(0.0500)	ND(0.0500)	NA
Copper		ND(0.0250) [ND(0.0250)]	ND(0.0250)	ND(0.0250)	NA
Cyanide		ND(0.0100) [ND(0.0100)]	ND(0.010)	ND(0.0100)	NA
Lead		ND(0.00300) [ND(0.00300)]	ND(0.00300)	ND(0.00300)	NA
Mercury		ND(0.000200) [ND(0.000200)]	ND(0.000200)	ND(0.000200)	NA
Nickel		0.00200 B [0.00210 B]	ND(0.0400)	ND(0.0400)	NA
Selenium		ND(0.00500) J [ND(0.00500) J]	ND(0.00500) J	ND(0.00500) J	NA
Silver		ND(0.00500) [ND(0.00500)]	ND(0.00500)	ND(0.00500)	NA
Sulfide		ND(5.00) [ND(5.00)]	ND(5.00)	ND(5.00)	NA
Thallium		ND(0.0100) J [ND(0.0100) J]	ND(0.0100) J	ND(0.0100) J	NA
Tin		ND(0.0300) [ND(0.0300)]	ND(0.0300)	ND(0.0300)	NA
Vanadium		ND(0.0500) [ND(0.0500)]	ND(0.0500)	ND(0.0500)	NA
Zinc		0.0150 B [0.0150 B]	0.0130 J	0.0180 J	NA
Inorganics-Filter	ed				
Antimony		ND(0.0600) [ND(0.0600)]	ND(0.0600)	ND(0.0600)	NA
Arsenic		ND(0.0100) [ND(0.0100)]	0.00490 B	ND(0.0100)	NA
Barium		0.0460 B [0.0450 B]	0.290	0.0970 B	NA
Beryllium		ND(0.00100) [ND(0.00100)]	ND(0.00100)	ND(0.00100)	NA
Cadmium		ND(0.00500) [ND(0.00500)]	ND(0.00500)	ND(0.00500)	NA
Chromium		ND(0.0100) [ND(0.0100)]	ND(0.0100)	0.00180 B	NA
Cobalt		0.00150 B [ND(0.0500)]	ND(0.0500)	ND(0.0500)	NA
Copper		ND(0.0250) [ND(0.0250)]	ND(0.0250)	ND(0.0250)	NA
Cyanide		ND(0.0100) [ND(0.0100)]	ND(0.010)	ND(0.0100)	NA
Lead		ND(0.00300) [ND(0.00300)]	ND(0.00300)	ND(0.00300)	NA
Mercury		ND(0.000200) [ND(0.000200)]	ND(0.000200)	ND(0.000200)	NA
Nickel		0.00250 B [0.00350 B]	ND(0.0400)	0.00150 B	NA
Selenium		ND(0.00500) J [ND(0.00500) J]	ND(0.00500) J	ND(0.00500) J	NA
Silver		ND(0.00500) [0.00100 B]	0.00160 B	0.00110 B	NA
Thallium		ND(0.0100) J [ND(0.0100) J]	ND(0.0100) J	ND(0.0100) J	NA
Tin		ND(0.0300) [ND(0.0300)]	ND(0.0300)	ND(0.0300)	NA NA
Vanadium		ND(0.0500) [ND(0.0500)]	ND(0.0500)	ND(0.0500)	NA
Zinc		ND(0.020) [ND(0.020)]	ND(0.0200) J	ND(0.020) J	NA NA

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Sample ID:	GMA3-9	OBG-2
Parameter Date Collected:	10/15/04	10/08/04
Volatile Organics		1
1,1,1,2-Tetrachloroethane	ND(0.0050)	ND(0.0050)
1,1,1-Trichloroethane	ND(0.0050)	ND(0.0050)
1,1,2,2-Tetrachloroethane	ND(0.0050)	ND(0.0050)
1,1,2-Trichloroethane	ND(0.0050)	ND(0.0050)
1,1-Dichloroethane	ND(0.0050)	ND(0.0050)
1,1-Dichloroethene	ND(0.0010)	ND(0.0010)
1,2,3-Trichloropropane 1,2-Dibromo-3-chloropropane	ND(0.0050) ND(0.0050)	ND(0.0050) ND(0.0050)
1,2-Dibromoethane	ND(0.0030)	ND(0.0030)
1,2-Distribution and 1,2-Distr	ND(0.0010)	ND(0.0010)
1,2-Dichloropropane	ND(0.0050)	ND(0.0050)
1,4-Dioxane	ND(0.20) J	ND(0.20) J
2-Butanone	ND(0.20) J	ND(0.010) J
2-Chloro-1,3-butadiene	ND(0.0050)	ND(0.0050)
2-Chloroethylvinylether	ND(0.0050)	ND(0.0050)
2-Hexanone	ND(0.010)	ND(0.010)
3-Chloropropene	ND(0.0050)	ND(0.0050)
4-Methyl-2-pentanone	ND(0.0030)	ND(0.010)
Acetone	ND(0.010)	ND(0.010) J
Acetonitrile	ND(0.10) J	ND(0.10) J
Acrolein	ND(0.10) J	ND(0.10)
Acrylonitrile	ND(0.0050) J	ND(0.0050)
Benzene	ND(0.0050)	ND(0.0050)
Bromodichloromethane	ND(0.0050)	ND(0.0050)
Bromoform	ND(0.0050)	ND(0.0050)
Bromomethane	ND(0.0020)	ND(0.0020)
Carbon Disulfide	ND(0.0050)	ND(0.0050)
Carbon Tetrachloride	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.0050)	ND(0.0050)
Chloroethane	ND(0.0050)	ND(0.0050)
Chloroform	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050)	ND(0.0050)
cis-1,3-Dichloropropene	ND(0.0050)	ND(0.0050)
Dibromochloromethane	ND(0.0050)	ND(0.0050)
Dibromomethane	ND(0.0050)	ND(0.0050)
Dichlorodifluoromethane	ND(0.0050)	ND(0.0050)
Ethyl Methacrylate	ND(0.0050)	ND(0.0050)
Ethylbenzene	ND(0.0050)	ND(0.0050)
lodomethane	ND(0.0050)	ND(0.0050)
Isobutanol	ND(0.10) J	ND(0.10) J
Methacrylonitrile	ND(0.0050) J	ND(0.0050)
Methyl Methacrylate	ND(0.0050)	ND(0.0050)
Methylene Chloride	ND(0.0050)	ND(0.0050)
Propionitrile	ND(0.010) J	ND(0.010) J
Styrene	ND(0.0050)	ND(0.0050)
Tetrachloroethene	ND(0.0020) J	ND(0.0020)
Toluene	ND(0.0050)	ND(0.0050)
trans-1,2-Dichloroethene	ND(0.0050)	ND(0.0050)
trans-1,3-Dichloropropene	ND(0.0050)	ND(0.0050)
trans-1,4-Dichloro-2-butene	ND(0.0050)	ND(0.0050) ND(0.0050)
Trichloroethene Trichlorofluoromethane	ND(0.0050)	. ,
Vinyl Acetate	ND(0.0050) J ND(0.0050)	ND(0.0050) ND(0.0050) J
Vinyl Chloride	ND(0.0050)	ND(0.0030) 3
Xylenes (total)	ND(0.0020)	ND(0.0020)
Total VOCs	ND(0.20)	ND(0.20)
PCBs-Unfiltered	145(0.20)	140(0.20)
Aroclor-1016	NA	NA
Aroclor-1016 Aroclor-1221	NA NA	NA NA
Aroclor-1221 Aroclor-1232	NA NA	NA NA
Aroclor-1232 Aroclor-1242	NA NA	NA NA
Aroclor-1242 Aroclor-1248	NA NA	NA NA
Aroclor-1246 Aroclor-1254	NA NA	NA NA
110001 1207	11/7	I N/A
Aroclor-1260	NA	NA

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Sample ID:		OBG-2
Parameter Date Collected:	10/15/04	10/08/04
PCBs-Filtered	NΙΔ	NΛ
Aroclor-1016 Aroclor-1221	NA NA	NA NA
Aroclor-1232	NA NA	NA NA
Aroclor-1242	NA NA	NA NA
Aroclor-1248	NA	NA
Aroclor-1254	NA	NA
Aroclor-1260	NA	NA
Total PCBs	NA	NA
Semivolatile Organics		
1,2,4,5-Tetrachlorobenzene	NA	NA
1,2,4-Trichlorobenzene	ND(0.0050)	ND(0.0050)
1,2-Dichlorobenzene	ND(0.0050)	ND(0.0050)
1,2-Diphenylhydrazine	NA	NA
1,3,5-Trinitrobenzene	NA ND (0.0050)	NA NB(0.0050)
1,3-Dichlorobenzene	ND(0.0050)	ND(0.0050)
1,3-Dinitrobenzene	NA ND(0.0050)	NA ND(0.0050)
1,4-Dichlorobenzene 1,4-Naphthoquinone	ND(0.0050) NA	ND(0.0050) NA
1,4-Naphthologumone 1-Naphthylamine	NA NA	NA NA
2,3,4,6-Tetrachlorophenol	NA NA	NA NA
2,4,5-Trichlorophenol	NA NA	NA NA
2,4,6-Trichlorophenol	NA NA	NA NA
2,4-Dichlorophenol	NA	NA
2,4-Dimethylphenol	NA	NA
2,4-Dinitrophenol	NA	NA
2,4-Dinitrotoluene	NA	NA
2,6-Dichlorophenol	NA	NA
2,6-Dinitrotoluene	NA	NA
2-Acetylaminofluorene	NA	NA
2-Chloronaphthalene	NA	NA
2-Chlorophenol	NA NA	NA NA
2-Methylnaphthalene	NA NA	NA NA
2-Methylphenol 2-Naphthylamine	NA NA	NA NA
2-Naphthylamine 2-Nitroaniline	NA NA	NA NA
2-Nitrophenol	NA NA	NA NA
2-Picoline	NA NA	NA NA
3&4-Methylphenol	NA NA	NA NA
3,3'-Dichlorobenzidine	NA	NA
3,3'-Dimethylbenzidine	NA	NA
3-Methylcholanthrene	NA	NA
3-Nitroaniline	NA	NA
4,6-Dinitro-2-methylphenol	NA	NA
4-Aminobiphenyl	NA	NA
4-Bromophenyl-phenylether	NA	NA
4-Chloro-3-Methylphenol	NA	NA
4-Chloroaniline	NA NA	NA NA
4-Chlorobenzilate	NA NA	NA NA
4-Chlorophenol	NA NA	NA NA
4-Chlorophenyl-phenylether 4-Nitroaniline	NA NA	NA NA
4-Nitrophenol	NA NA	NA NA
4-Nitroguinoline-1-oxide	NA NA	NA NA
4-Phenylenediamine	NA NA	NA NA
5-Nitro-o-toluidine	NA NA	NA NA
7,12-Dimethylbenz(a)anthracene	NA NA	NA NA
a,a'-Dimethylphenethylamine	NA	NA
Acenaphthene	NA	NA
Acenaphthylene	NA	NA
Acetophenone	NA	NA
Aniline	NA	NA
Anthracene	NA	NA
Aramite	NA	NA
Benzidine	NA	NA

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Darameter	Sample ID:	GMA3-9	OBG-2
Parameter		10/15/04	10/08/04
	ganics (continued)		
Benzo(a)anthrac	ene	NA NA	NA NA
Benzo(a)pyrene		NA NA	NA NA
Benzo(b)fluorant		NA NA	NA NA
Benzo(g,h,i)pery		NA NA	NA NA
Benzo(k)fluorant	nene	NA NA	NA NA
Benzyl Alcohol	\	NA NA	NA NA
bis(2-Chloroetho bis(2-Chloroethy		NA NA	NA NA
bis(2-Chloroisop		NA NA	NA NA
bis(2-Ethylhexyl)		NA NA	NA NA
Butylbenzylphtha		NA NA	NA NA
Chrysene	alato	NA NA	NA NA
Diallate		NA NA	NA NA
Dibenzo(a,h)anth	racene	NA NA	NA NA
Dibenzofuran	IIdoono	NA NA	NA NA
Diethylphthalate		NA	NA NA
Dimethylphthalat	te	NA NA	NA NA
Di-n-Butylphthala		NA	NA NA
Di-n-Octylphthala		NA	NA
Diphenylamine		NA	NA NA
Ethyl Methanesu	Ilfonate	NA	NA NA
Fluoranthene		NA	NA
Fluorene		NA	NA
Hexachlorobenzo	ene	NA	NA
Hexachlorobutac	diene	NA	NA
Hexachlorocyclo	pentadiene	NA	NA
Hexachloroethar		NA	NA
Hexachlorophen	е	NA	NA
Hexachloroprope	ene	NA	NA
Indeno(1,2,3-cd)	pyrene	NA	NA
Isodrin		NA	NA
Isophorone		NA	NA
Isosafrole		NA	NA
Methapyrilene		NA	NA
Methyl Methanes	sulfonate	NA	NA
Naphthalene		ND(0.0050)	ND(0.0050)
Nitrobenzene		NA	NA
N-Nitrosodiethyla		NA NA	NA NA
N-Nitrosodimethy		NA NA	NA NA
N-Nitroso-di-n-bu		NA NA	NA NA
N-Nitroso-di-n-pr		NA NA	NA NA
N-Nitrosodiphen		NA NA	NA NA
N-Nitrosomethyle N-Nitrosomorpho			
		NA NA	NA NA
N-Nitrosopiperidi N-Nitrosopyrrolid		NA NA	NA NA
o,o,o-Triethylpho		NA NA	NA NA
o-Toluidine	opiioioiiioate	NA NA	NA NA
p-Dimethylamino	nazohenzene	NA NA	NA NA
Pentachlorobenz		NA NA	NA NA
Pentachloroetha		NA NA	NA NA
Pentachloronitro		NA NA	NA NA
Pentachloropher		NA NA	NA NA
Phenacetin		NA NA	NA NA
Phenanthrene		NA NA	NA NA
Phenol		NA NA	NA NA
Pronamide		NA NA	NA NA
Pyrene		NA NA	NA NA
		NA NA	NA NA
Pyridine			. */ \
Safrole		NA	NA

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

	Sample ID:	GMA3-9	OBG-2
Parameter	Date Collected:	10/15/04	10/08/04
Organochlorine P	esticides		
4,4'-DDD		NA	NA
4,4'-DDE		NA	NA
4,4'-DDT		NA	NA
Aldrin		NA	NA
Alpha-BHC		NA	NA
Alpha-Chlordane		NA	NA
Beta-BHC		NA	NA
Delta-BHC		NA	NA
Dieldrin		NA	NA
Endosulfan I		NA	NA
Endosulfan II		NA	NA NA
Endosulfan Sulfate		NA	NA NA
Endrin		NA NA	NA NA
Endrin Aldehyde		NA NA	NA NA
Endrin Ketone	1>	NA NA	NA NA
Gamma-BHC (Line		NA NA	NA NA
Gamma-Chlordane	•	NA NA	NA NA
Heptachlor		NA NA	NA NA
Heptachlor Epoxide Kepone		NA NA	NA NA
Kepone Methoxychlor		NA NA	NA NA
Methoxychlor Technical Chlordar	100	NA NA	NA NA
Toxaphene	ie	NA NA	NA NA
Organophosphate	Posticidos	INA	INA
Dimethoate	resticiues	NIA	NIA
Disulfoton		NA NA	NA NA
		NA NA	NA NA
Ethyl Parathion Famphur		NA NA	NA NA
Methyl Parathion		NA NA	NA NA
Phorate		NA NA	NA NA
Sulfotep		NA NA	NA NA
Herbicides		IVA	INA
2,4,5-T	1	NA	NA
2,4,5-TP		NA NA	NA NA
2,4-D		NA NA	NA NA
Dinoseb		NA NA	NA NA
Furans			
2,3,7,8-TCDF		NA	NA
TCDFs (total)		NA NA	NA NA
1,2,3,7,8-PeCDF		NA NA	NA NA
2,3,4,7,8-PeCDF		NA NA	NA NA
PeCDFs (total)		NA NA	NA NA
1,2,3,4,7,8-HxCDF		NA NA	NA NA
1,2,3,4,7,8-HxCDF		NA NA	NA NA
1,2,3,7,8,9-HxCDF		NA NA	NA NA
2,3,4,6,7,8-HxCDF		NA NA	NA NA
HxCDFs (total)		NA	NA
1,2,3,4,6,7,8-HpCE)F	NA NA	NA
1,2,3,4,7,8,9-HpCE		NA NA	NA
HpCDFs (total)		NA	NA
OCDF		NA	NA
Dioxins	<u> </u>		
2,3,7,8-TCDD		NA	NA
TCDDs (total)		NA NA	NA
1,2,3,7,8-PeCDD		NA	NA
PeCDDs (total)		NA	NA
1,2,3,4,7,8-HxCDD		NA	NA
1,2,3,6,7,8-HxCDD		NA NA	NA
1,2,3,7,8,9-HxCDD		NA NA	NA NA
HxCDDs (total)		NA NA	NA
1,2,3,4,6,7,8-HpCE	DD D	NA NA	NA NA
HpCDDs (total)		NA NA	NA
OCDD		NA NA	NA NA

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Danamatan	Sample ID: Date Collected:	GMA3-9 10/15/04	OBG-2 10/08/04
Parameter Inorganics-Unfil		10/15/04	10/06/04
Antimony	itereu	NA	NA
Artimony		NA NA	NA NA
Barium		NA NA	NA NA
Beryllium		NA NA	NA NA
Cadmium		NA NA	NA NA
Chromium		NA NA	NA NA
		NA NA	NA NA
Cobalt			
Copper		NA NA	NA NA
Cyanide		NA NA	NA NA
Lead		NA	NA NA
Mercury		NA NA	NA NA
Nickel		NA	NA
Selenium		NA	NA
Silver		NA	NA
Sulfide		NA	NA
Thallium		NA	NA
Tin		NA	NA
Vanadium		NA	NA
Zinc		NA	NA
Inorganics-Filte	red		
Antimony		NA	NA
Arsenic		NA	NA
Barium		NA	NA
Beryllium		NA	NA
Cadmium		NA	NA
Chromium		NA	NA
Cobalt		NA	NA
Copper		NA	NA
Cyanide		NA	NA
Lead		NA	NA
Mercury		NA	NA
Nickel		NA	NA
Selenium		NA	NA
Silver		NA	NA
Thallium		NA NA	NA NA
Tin		NA	NA
Vanadium		NA NA	NA NA
Zinc		NA NA	NA NA

BASELINE GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR FALL 2004 GROUNDWATER MANAGEMENT AREA 3 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Notes:

- 1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of PCBs and Appendix IX+3 constituents.
- 2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved May 29, 2004 and resubmitted June 19, 2004).
- 3. NA Not Analyzed.
- 4. ND Analyte was not detected. The number in parentheses is the associated detection limit.
- 5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
- 6. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles, pesticides, herbicides, dioxin/furans)

- J Indicates that the associated numerical value is an estimated concentration.
- R Data was rejected due to a deficiency in the data generation process.

Inorganics

- B Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
- J Indicates that the associated numerical value is an estimated concentration.

Historical Groundwater Data



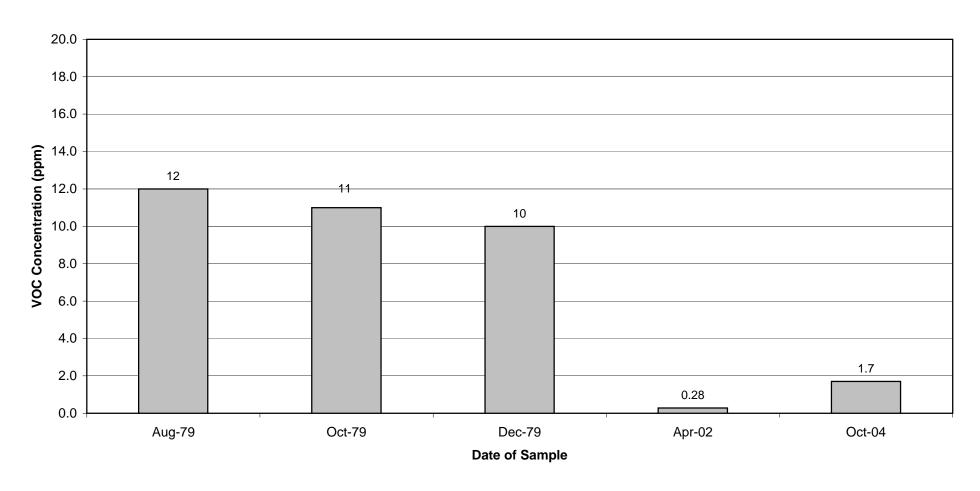
Historical Groundwater Data

Total VOC Concentrations – Wells Sampled in Fall 2004



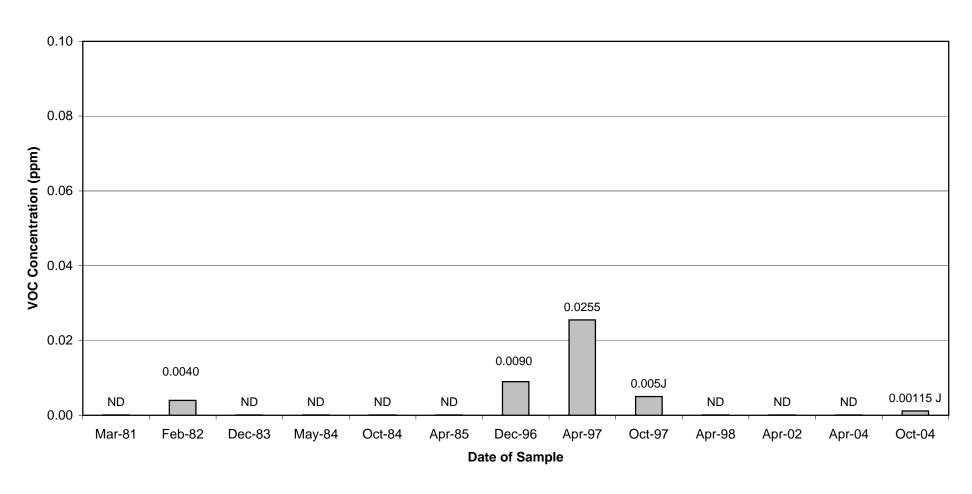
Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

Well 6B/6B-R Historical Total VOC Concentrations



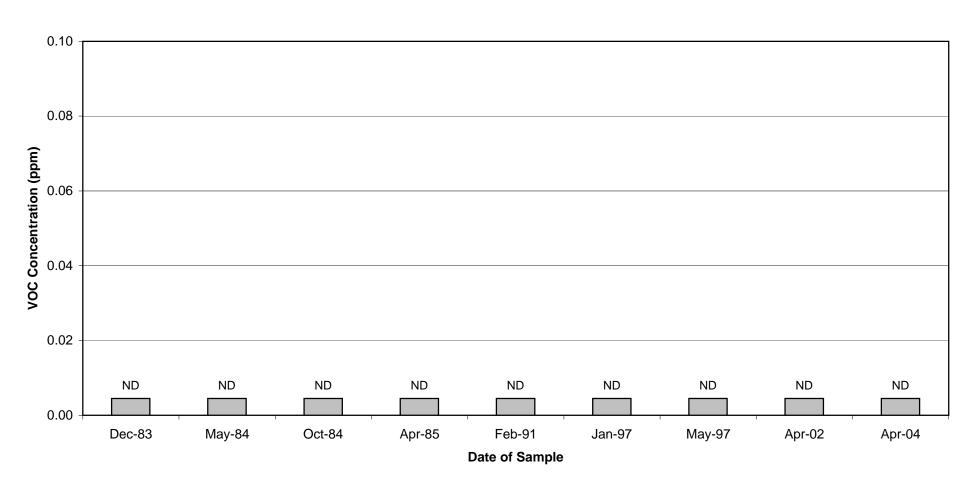
Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

Well 16B/16B-R Historical Total VOC Concentrations



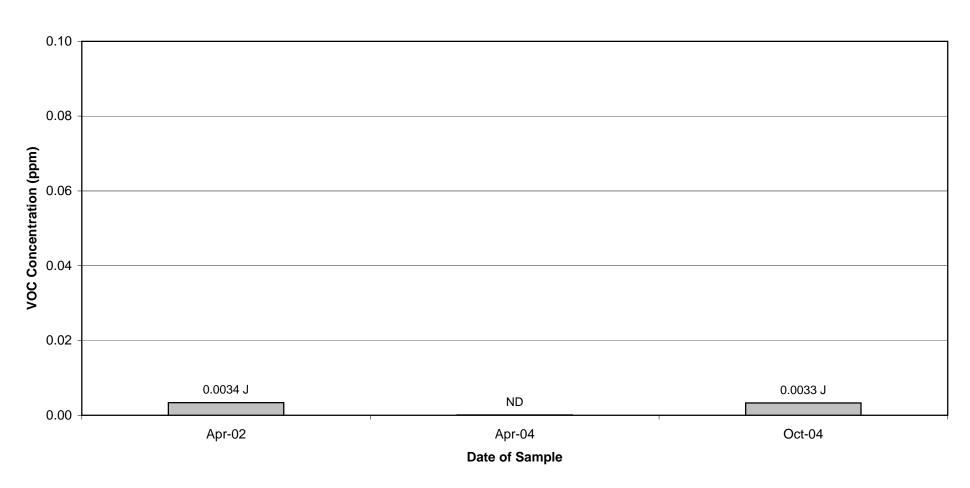
Groundwater Management Area 3 General Electric - Pittsfield, Massachusetts

Well 43B Historical Total VOC Concentrations



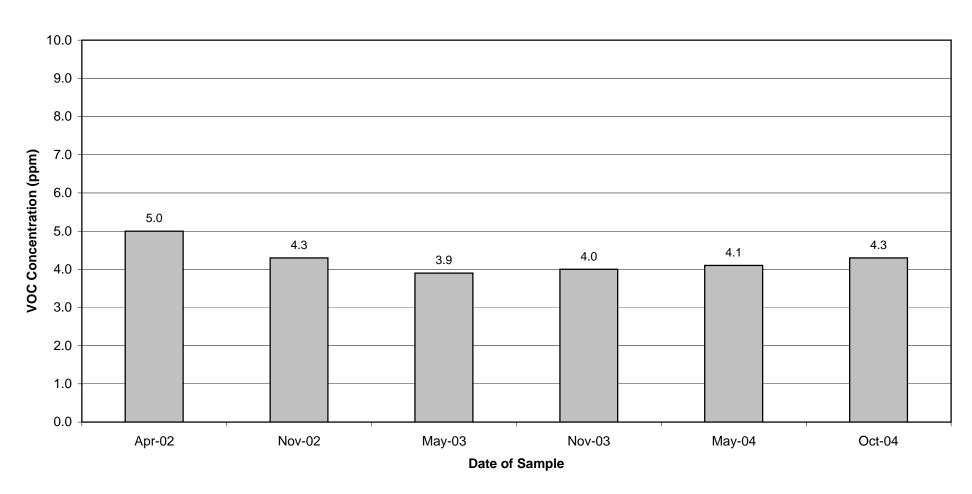
Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

Well 51-14 Historical Total VOC Concentrations



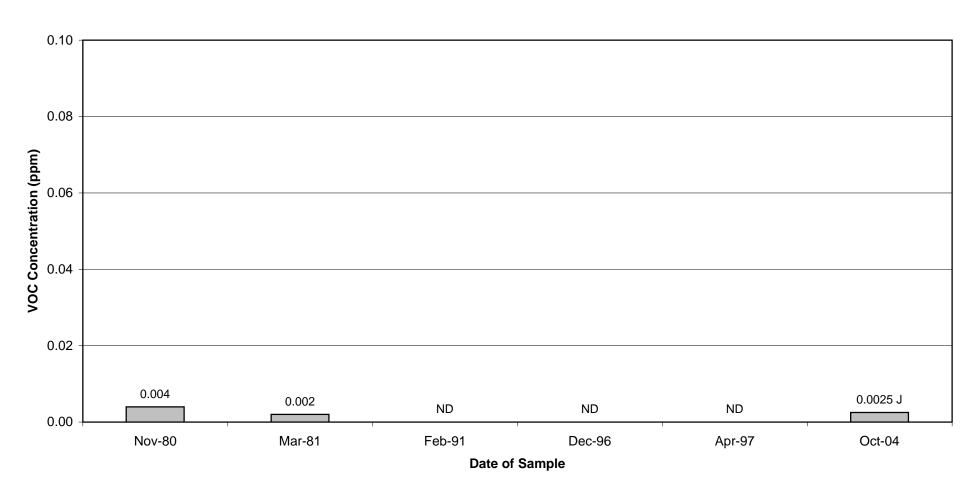
Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

Well 78B-R Historical Total VOC Concentrations



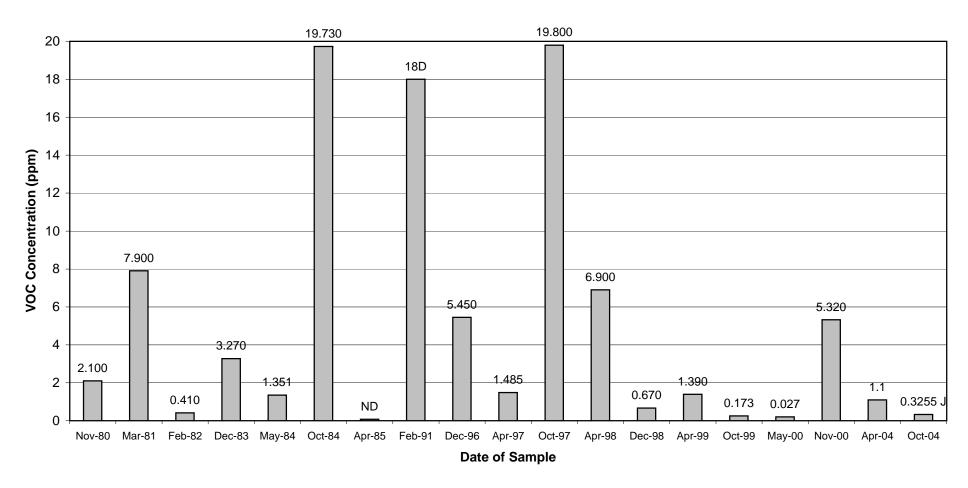
Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

Well 82B/82B-R Historical Total VOC Concentrations



Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

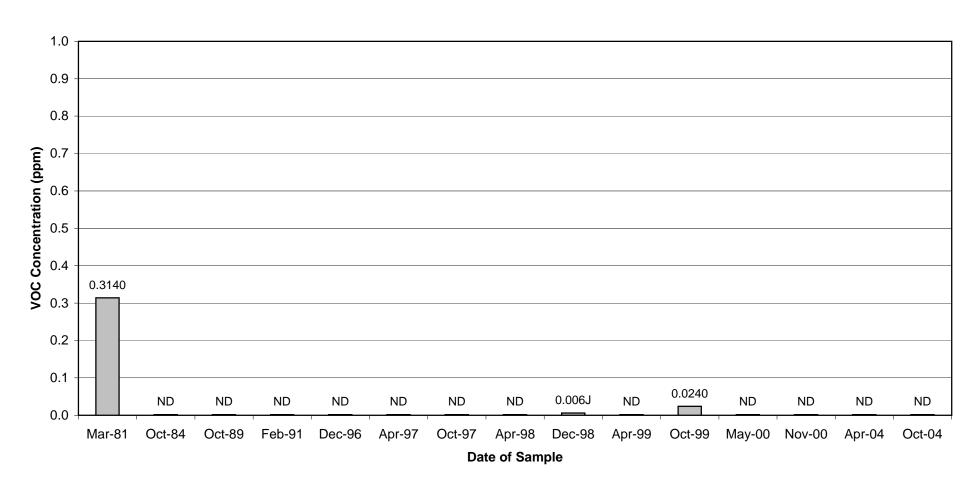
Well 89B Historical Total VOC Concentrations



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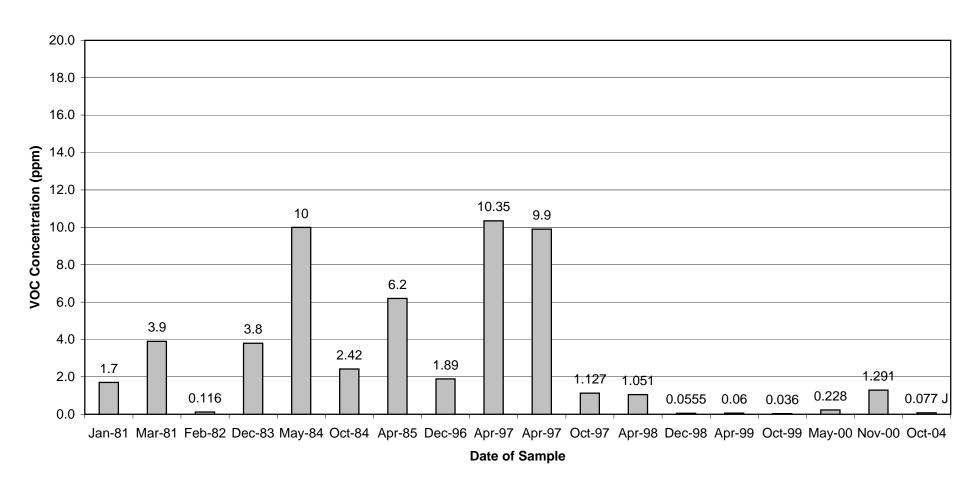
Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

Well 90B Historical Total VOC Concentrations



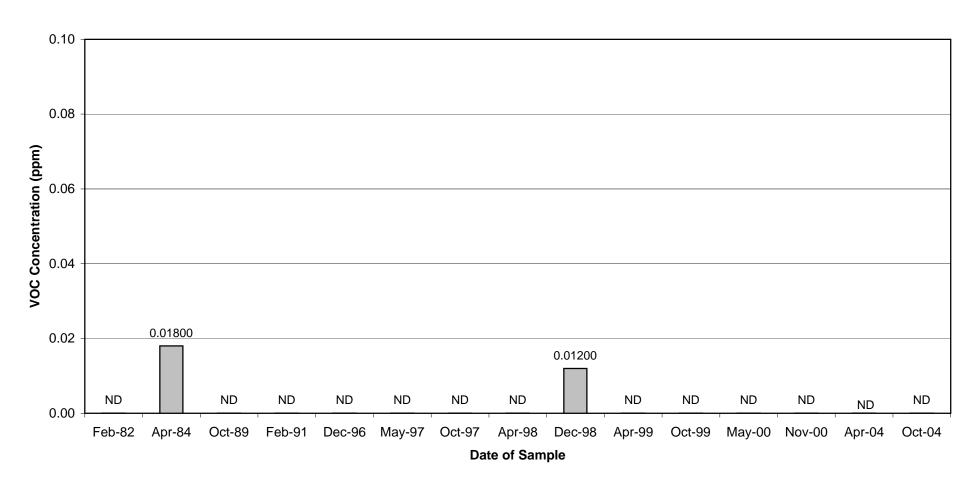
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Well 95B/95B-R Historical Total VOC Concentrations



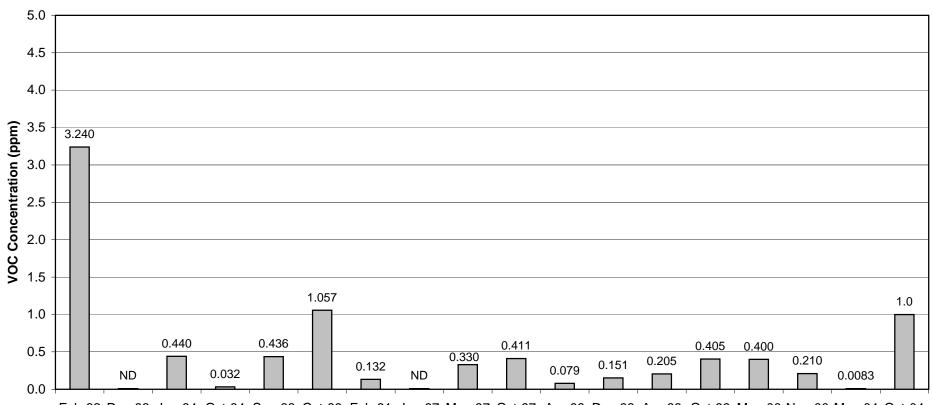
Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

Well 111B Historical Total VOC Concentrations



Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

Well 114B/114B-R Historical Total VOC Concentrations

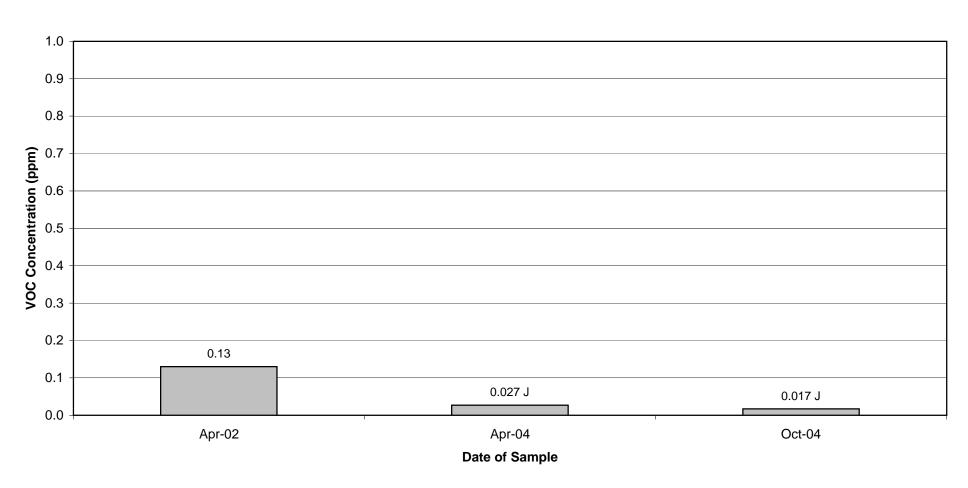


Feb-82 Dec-83 Jan-84 Oct-84 Sep-88 Oct-89 Feb-91 Jan-97 May-97 Oct-97 Apr-98 Dec-98 Apr-99 Oct-99 May-00 Nov-00 May-04 Oct-04

Date of Sample

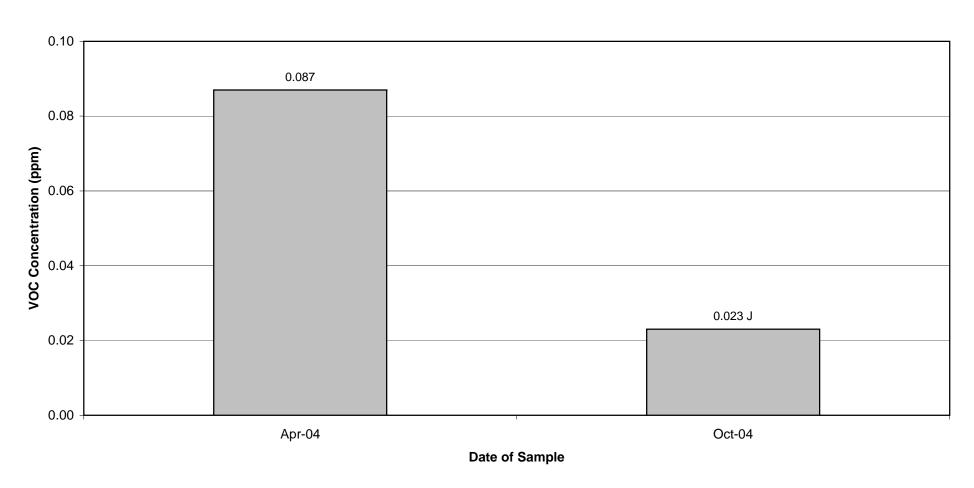
Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

Well GMA3-2 Historical Total VOC Concentrations



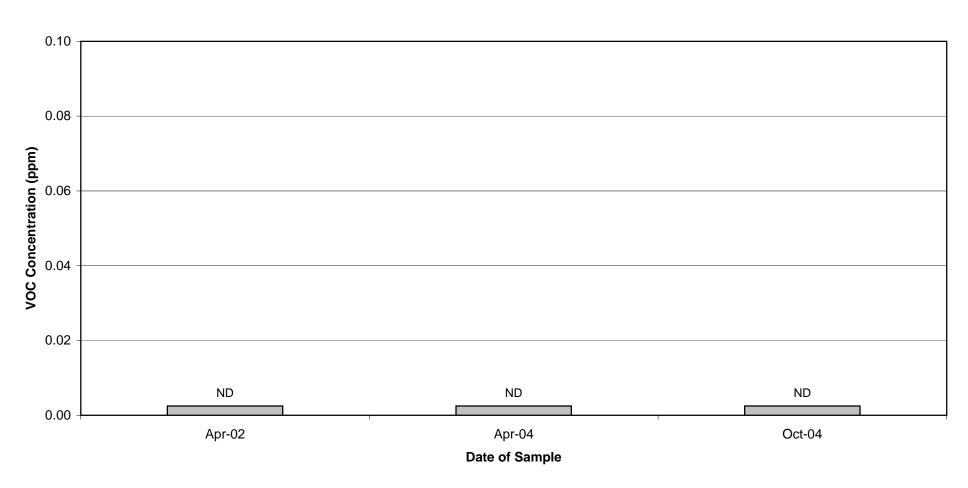
Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

Well GMA3-3 Historical Total VOC Concentrations



Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

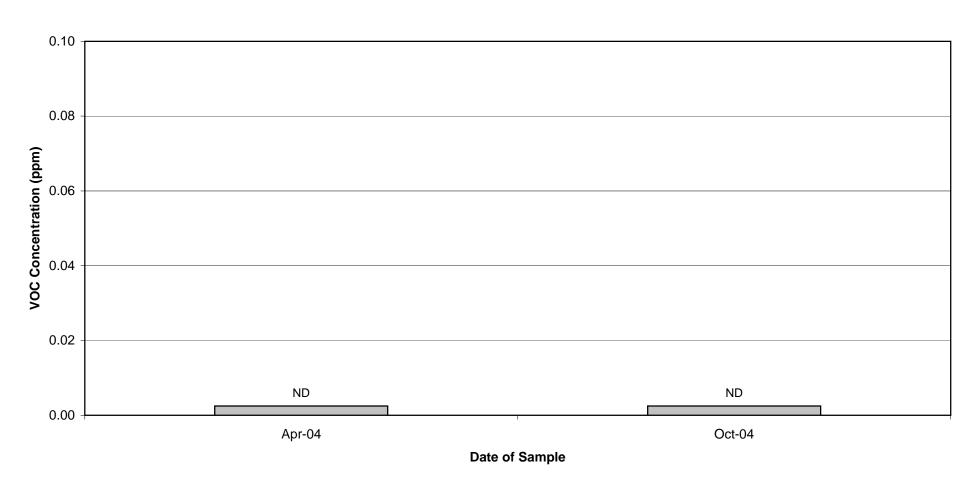
Well GMA3-4 Historical Total VOC Concentrations



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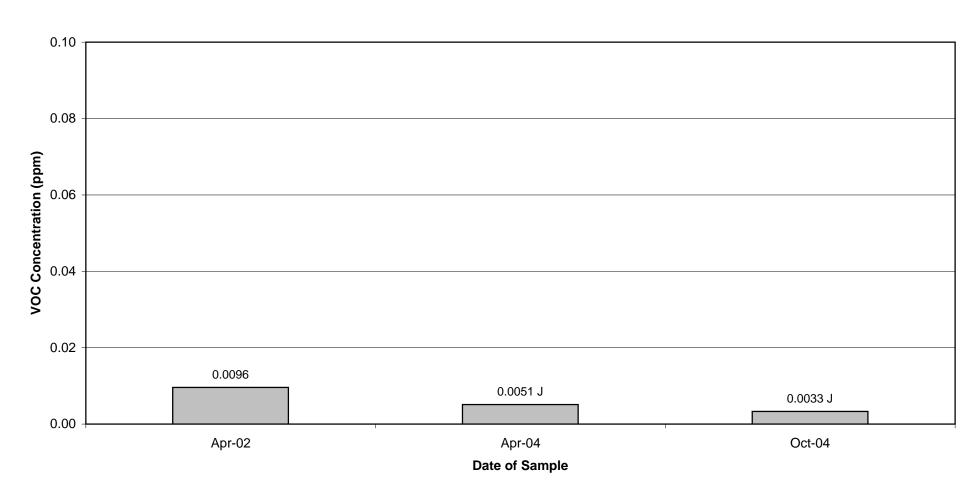
Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

Well GMA3-5 Historical Total VOC Concentrations



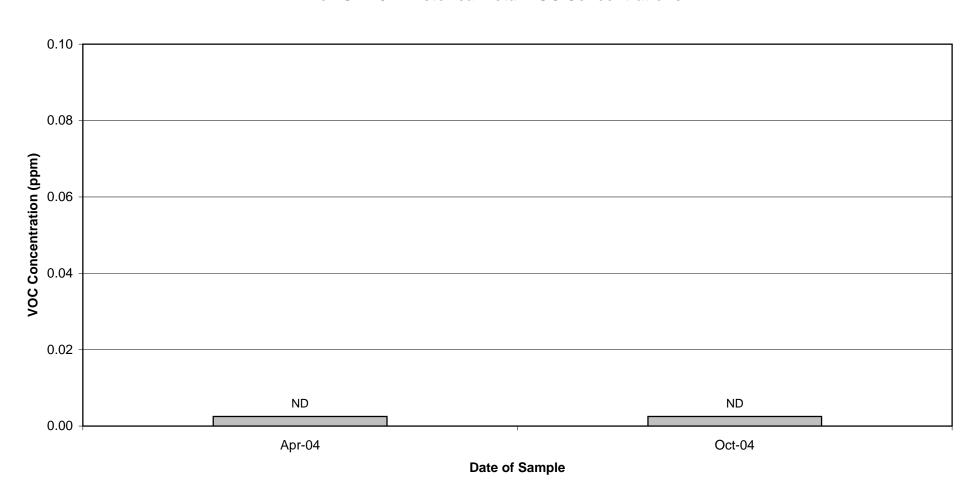
Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

Well GMA3-6 Historical Total VOC Concentrations



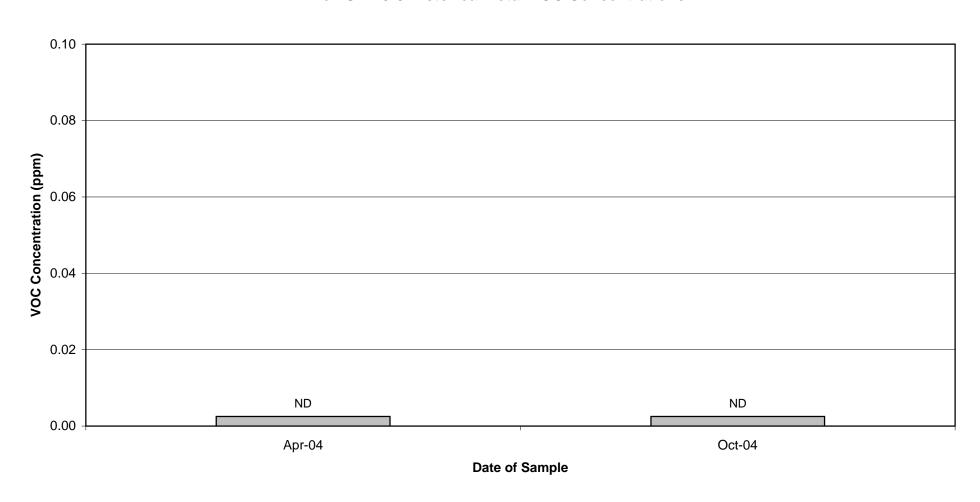
Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

Well GMA3-7 Historical Total VOC Concentrations



Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

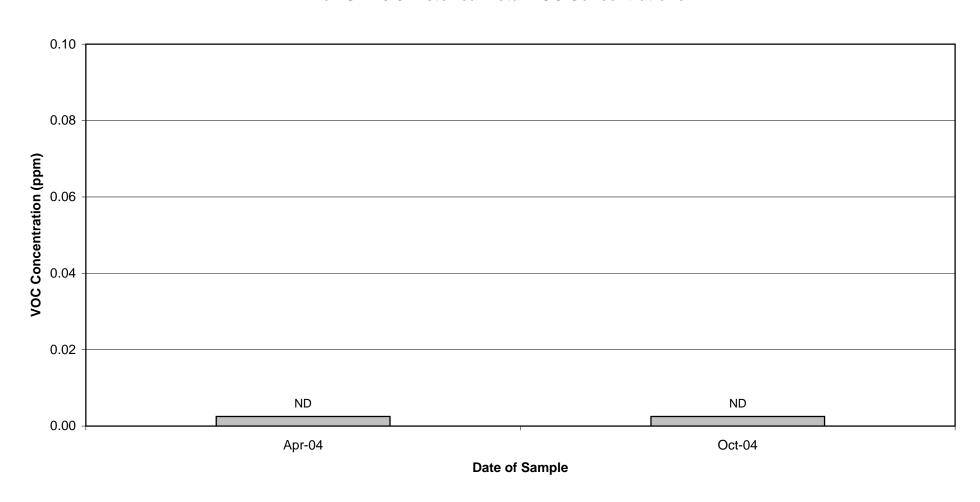
Well GMA3-8 Historical Total VOC Concentrations



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Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

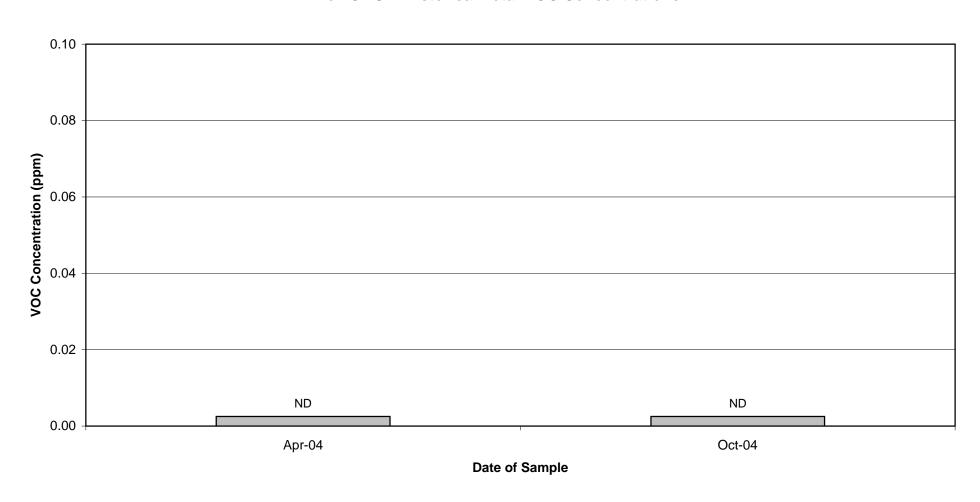
Well GMA3-9 Historical Total VOC Concentrations



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Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

Well OBG-2 Historical Total VOC Concentrations



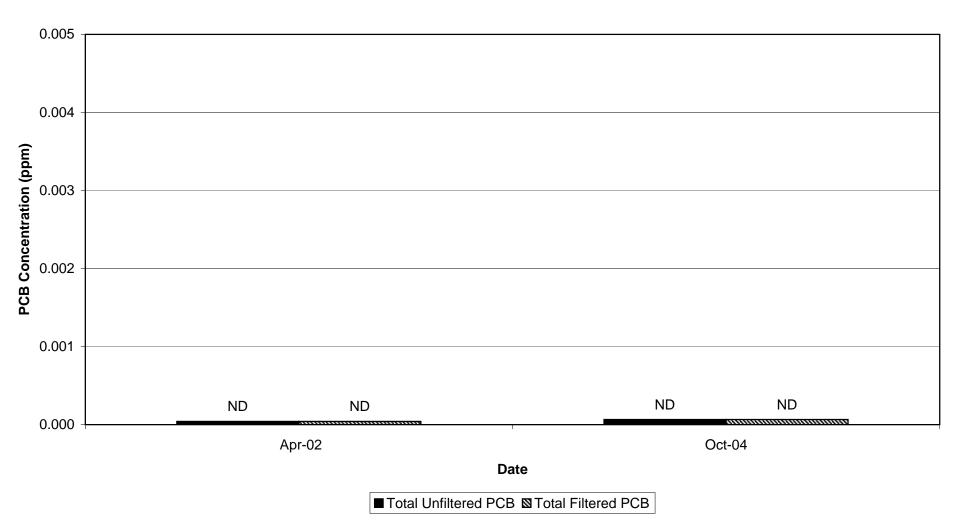
Historical Groundwater Data

Total PCB Concentrations – Wells Sampled in Fall 2004



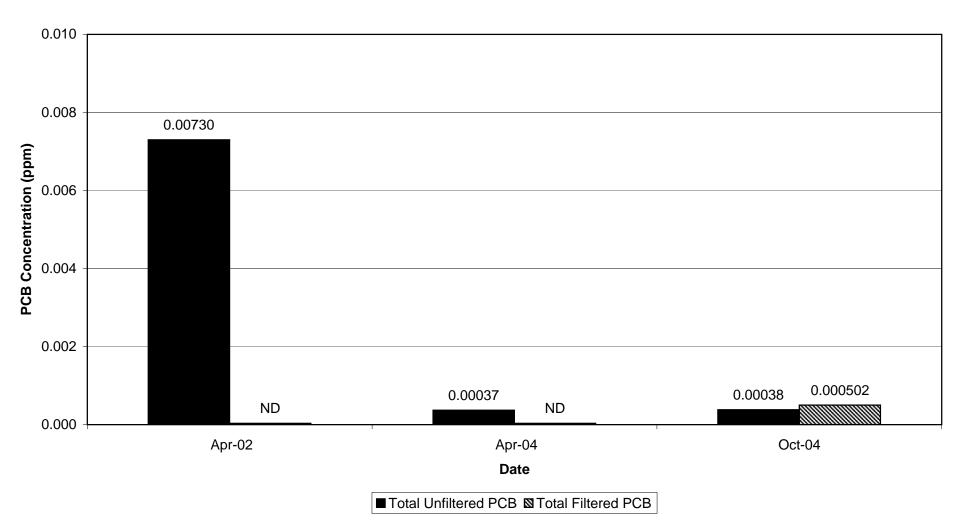
Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

Well 6B/6B-R Historical Total PCB Concentrations



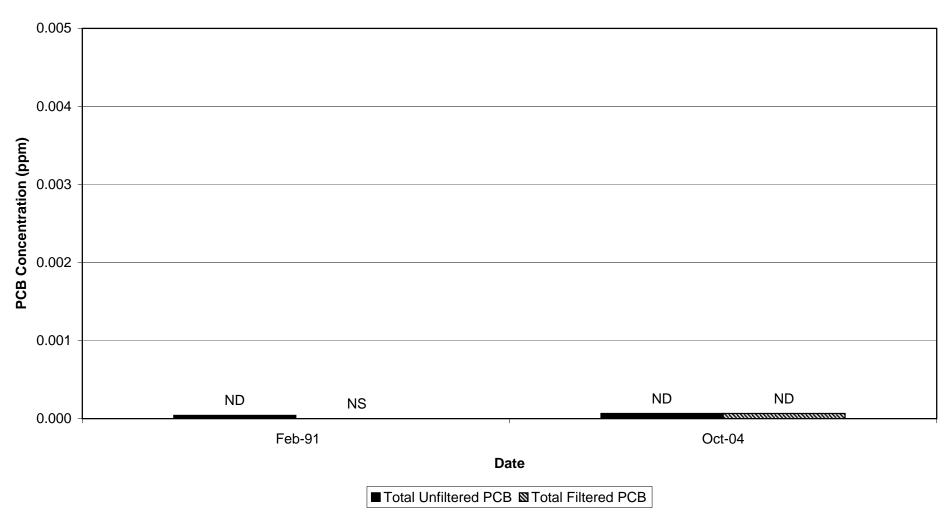
Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

Well 78B-R Historical Total PCB Concentrations



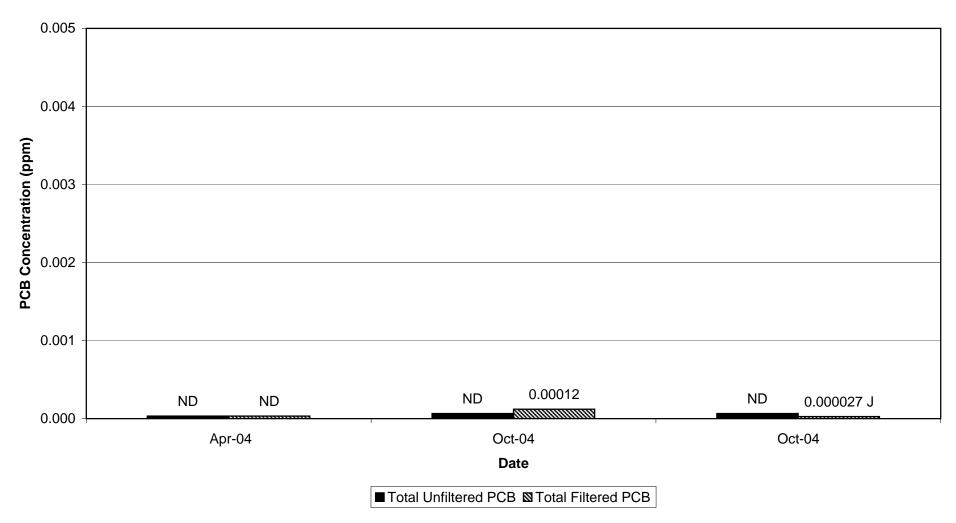
Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

Well 82B/82B-R Historical Total PCB Concentrations



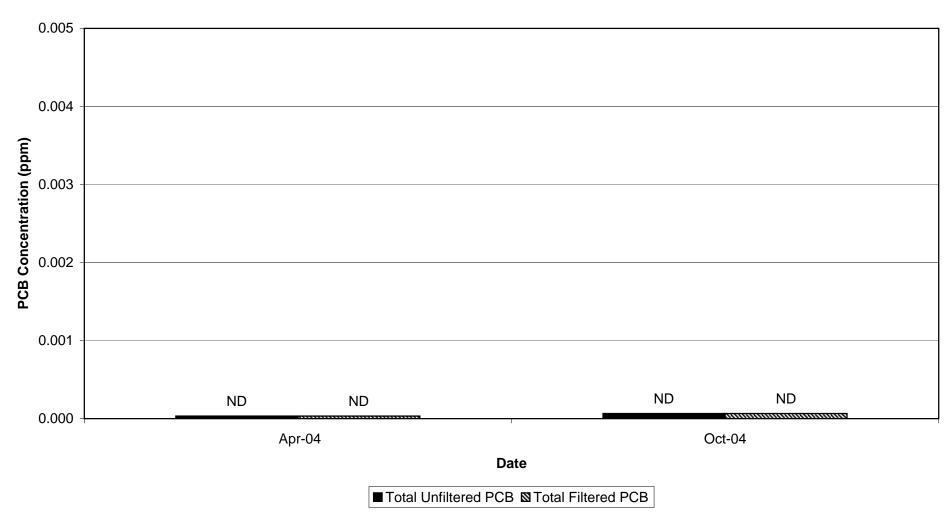
Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

Well 89B Historical Total PCB Concentrations



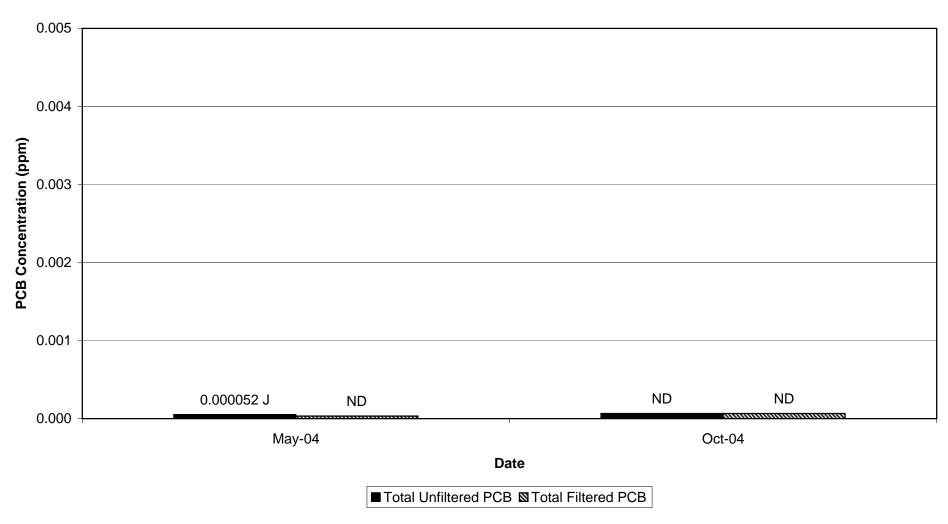
Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

Well 90B Historical Total PCB Concentrations



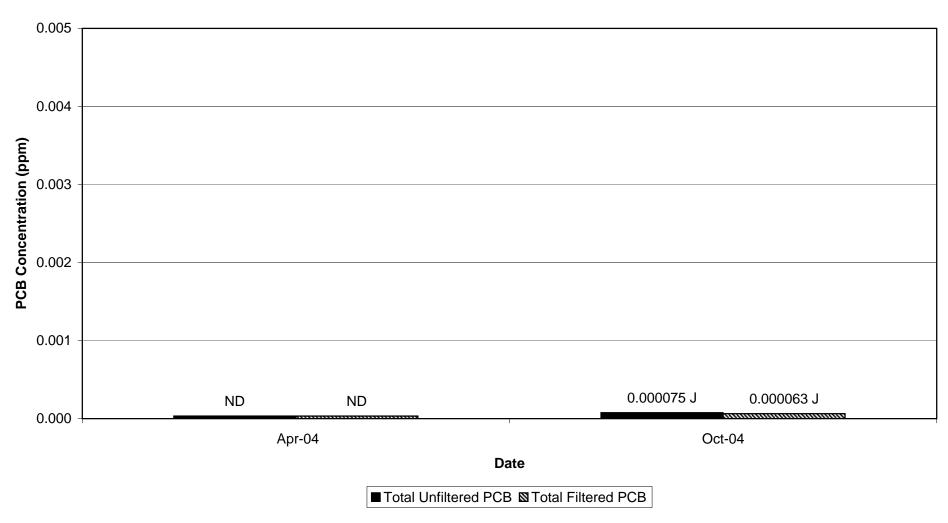
Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

Well 114B-R Historical Total PCB Concentrations



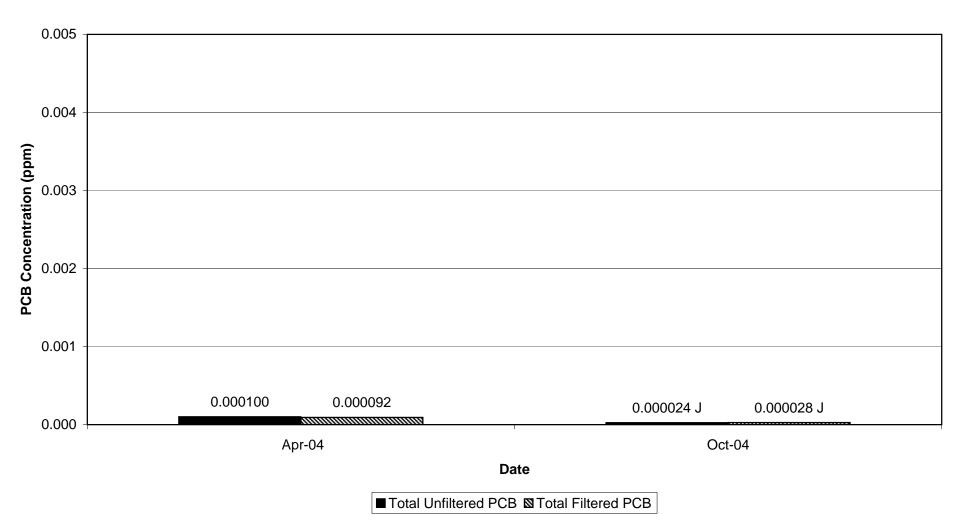
Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

Well GMA3-3 Historical Total PCB Concentrations



Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

Well GMA3-5 Historical Total PCB Concentrations

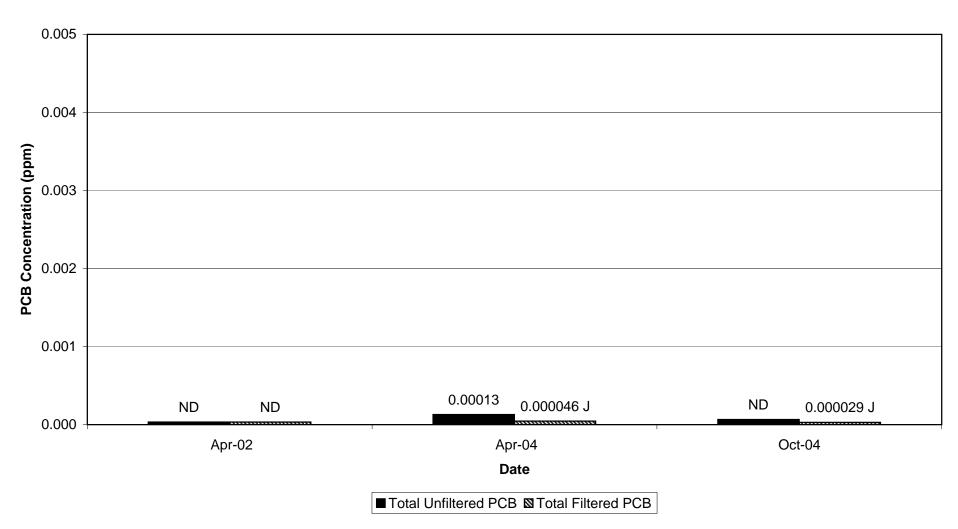


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2/25/2005

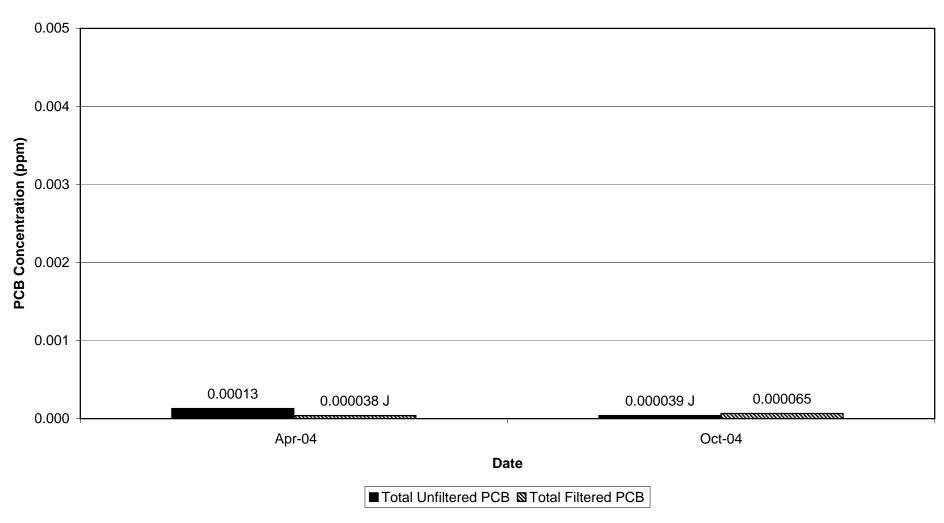
Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

Well GMA3-6 Historical Total PCB Concentrations



Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

Well GMA3-7 Historical Total PCB Concentrations



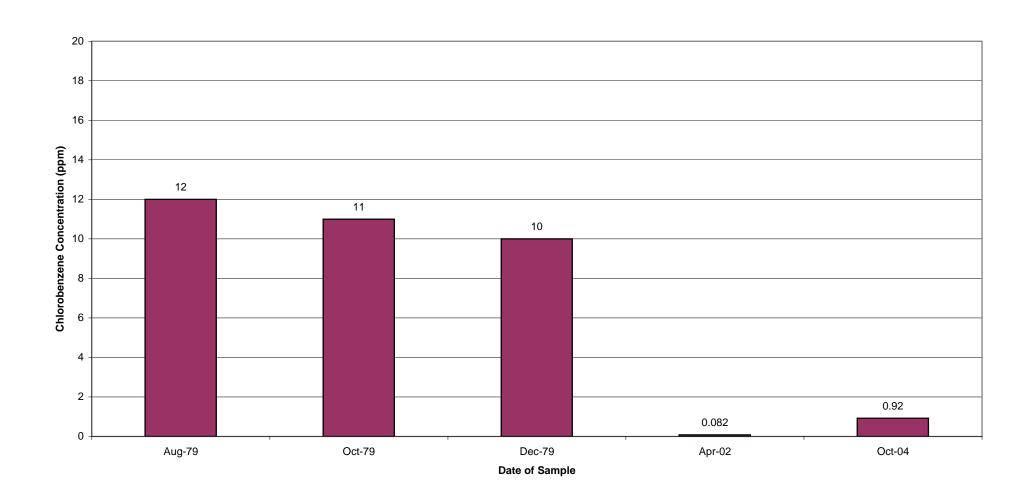
Historical Groundwater Data

Chlorobenzene Concentrations – Selected Wells Sampled in Fall 2004



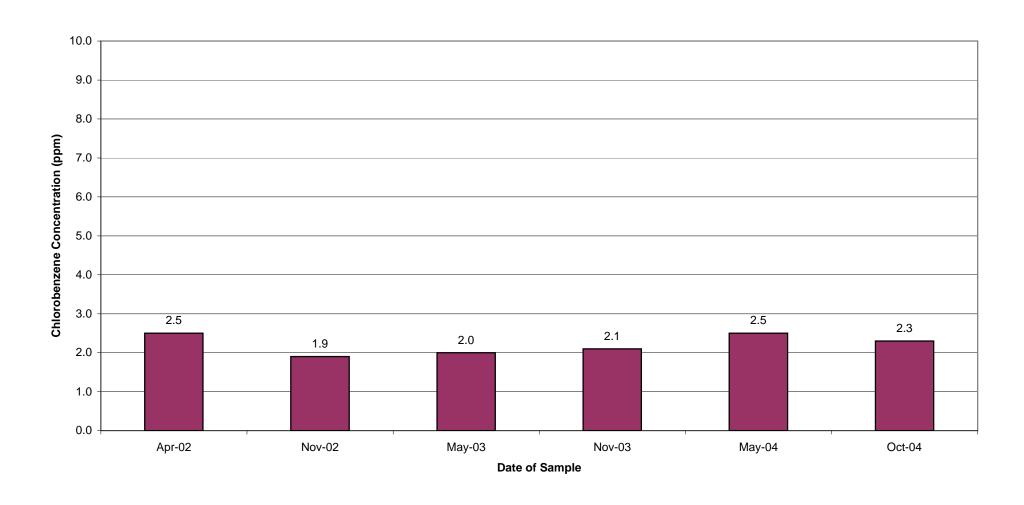
Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

Well 6B and 6B-R Historical Chlorobenzene Concentrations



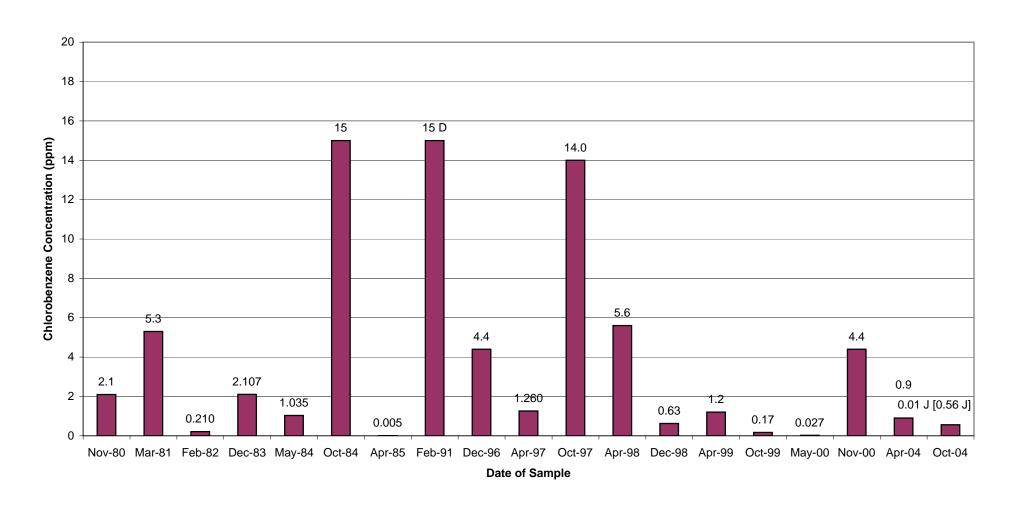
Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

Well 78B-R Historical Chlorobenzene Concentrations



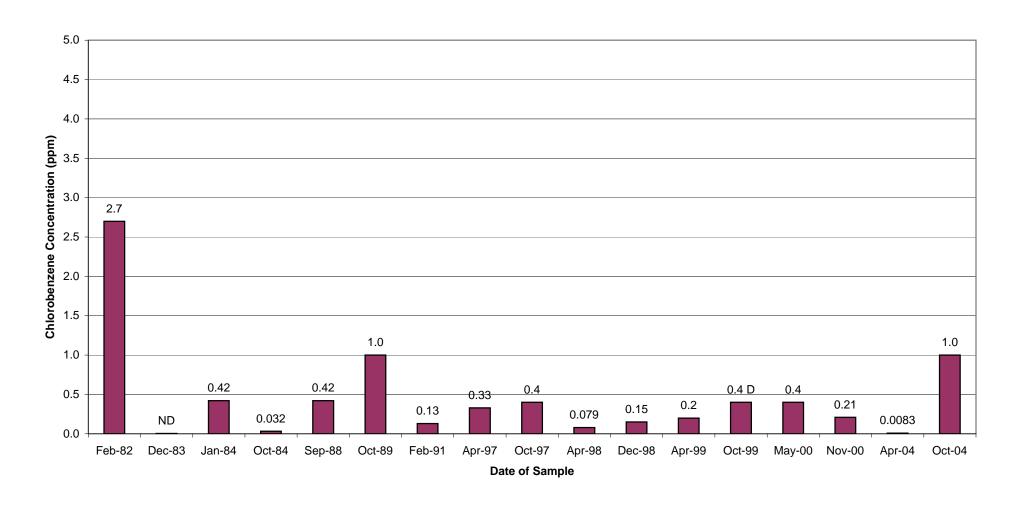
Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

Well 89B Historical Chlorobenzene Concentrations



Groundwater Management Area 3 General Electric Company - Pittsfield, Massachusetts

Well 114B and 114B-R Historical Chlorobenzene Concentrations



Appendix F

Data Validation Report



APPENDIX F GROUNDWATER SAMPLING DATA VALIDATION REPORT GROUNDWATER MANAGEMENT AREA 3

GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS

1.0 General

This appendix summarizes the Tier I and Tier II data reviews performed for groundwater samples collected during Remedial Investigation activities at Groundwater Management Area 3 located in Pittsfield, Massachusetts. The samples were analyzed for various constituents listed in Appendix IX of 40 CFR Part 264, plus three additional constituents -- benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine (hereafter referred to as Appendix IX+3) by SGS Environmental Services, Inc. (formerly CT&E) of Charleston, West Virginia. Data validation was performed for 28 polychlorinated biphenyl (PCB) samples, 28 volatile organic compound (VOC) samples, 14 semi-volatile organic compound (SVOC) samples, 14 pesticide and herbicide samples, 14 polychlorinated dibenzo-p-dioxin (PCDD)/polychlorinated dibenzo-furan (PCDF) samples, 28 metals samples, and 28 cyanide/sulfide samples that were collected from depth intervals or locations not subject to excavation.

2.0 Data Evaluation Procedures

This appendix outlines the applicable quality control criteria utilized during the data review process and any deviations from those criteria. The data review was conducted in accordance with the following documents:

- Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts, Blasland, Bouck & Lee, Inc. (BBL; FSP/QAPP, approved May 25, 2004 and resubmitted June 15, 2004);
- Region I Tiered Organic and Inorganic Data Validation Guidelines, USEPA Region I (July 1, 1993);
- Region I Laboratory Data Validation Functional Guidelines for Evaluating Inorganics Analyses, USEPA Region I (June 13, 1988) (Modified February 1989);
- Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses, USEPA Region I (February 1, 1988) (Modified November 1, 1988);
- Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses, USEPA Region I (Draft, December 1996); and
- National Functional Guidelines for Dioxin/Furan Data Validation, USEPA (Draft, January 1996).

A tabulated summary of the Tier I and Tier II data evaluations is presented in Table F-1. Each sample subjected to evaluation is listed in Table F-1 to document that data review was performed, as well as present the highest level of data validation (Tier I or Tier II) that was applied. Samples that required data qualification are listed separately for each parameter (compound or analyte) that required qualification.

The following data qualifiers were used in this data evaluation.

- J The compound was positively identified, but the associated numerical value is an estimated concentration. This qualifier is used when the data evaluation procedure identifies a deficiency in the data generation process. This qualifier is also used when a compound is detected at an estimated concentration less than the corresponding practical quantitation limit (PQL).
- U The compound was analyzed for, but was not detected. The sample quantitation limit is presented and adjusted for dilution and (for solid samples only) percent moisture. Non-detect sample results are presented as ND(PQL) within this report and in Table F-1 for consistency with documents previously prepared for this investigation.
- UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is estimated and may or may not represent the actual level of quantitation. Non-detect sample results that required qualification are presented as ND(PQL) J within this report and in Table F-1 for consistency with documents previously prepared for this investigation.
- R Indicates that the previously reported detection limit or sample result has been rejected due to a major deficiency in the data generation procedure. The data should not be used for any qualitative or quantitative purpose.

3.0 Data Validation Procedures

The FSP/QAPP provides (in Section 7.5) that all analytical data will be validated to a Tier I level following the procedures presented in the *Region I Tiered Organic and Inorganic Data Validation Guidelines* (USEPA guidelines). Accordingly, 100% of the analytical data for these investigations were subjected to Tier I review. The Tier I review consisted of a completeness evidence audit, as outlined in the *USEPA Region I CSF Completeness Evidence Audit Program* (USEPA Region I, 7/31/91), to ensure that all laboratory data and documentation were present. In the event that data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages complete with USEPA Region I Tier I data completeness requirements.

As specified in the FSP/QAPP, approximately 25% of the laboratory sample delivery group packages were randomly chosen to be subjected to Tier II review. A Tier II review was also performed to resolve data usability limitations identified from laboratory qualification of the data during the Tier I data review. The Tier II data review consisted of a review of all data package summary forms for identification of quality assurance/quality control (QA/QC) deviations and qualification of the data according to the Region I Data Validation Functional Guidelines. The Tier II review resulted in the qualification of data for several samples due to minor QA/QC deficiencies. Additionally, all field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the FSP/QAPP. A tabulated summary of the samples subjected to Tier I and Tier II data evaluations is presented in the following table.

Summary of Samples Subjected to Tier I and Tier II Data Validation

		Tier I Only			Tier I &Tie	r II	
Parameter	Samples	Duplicates	Blanks	Samples	Duplicates	Blanks	Total
PCBs	0	0	0	22	4	2	28
VOCs	0	0	0	19	3	6	28
SVOCs	0	0	0	11	2	1	14
Pesticides and Herbicides	0	0	0	14	0	0	14
PCDDs/PCDFs	0	0	0	11	2	1	14
Metals	0	0	0	22	4	2	28
Cyanide/Sulfide	0	0	0	22	4	2	28
Total	0	0	0	121	19	14	154

When qualification of the sample data was required, the sample results associated with a QA/QC parameter deviation were qualified in accordance with the procedures outlined in USEPA Region I data validation guidance documents. When the data validation process identified several quality control deficiencies, the cumulative effect of the various deficiencies was employed in assigning the final data qualifier. A summary of the QA/QC parameter deviations that resulted in data qualification is presented below for each analytical method.

4.0 Data Review

Initial calibration criterion for SVOCs requires that the percent relative standard deviation (%RSD) must be less than or equal to 30%. Sample data for detect and non-detect compounds with %RSD values greater than 30% were qualified as estimated (J). The compound that exceeded the initial calibration criterion and the number of samples qualified due those deviations are presented in the following table.

Compound Qualified Due to Initial Calibration %RSD Deviations

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	4-Nitrophenol	13	J

The initial calibration criterion for organic analyses requires that the average relative response factor (RRF) has a value greater than 0.05. Sample results were qualified as estimated (J) when this criterion was not met. The compounds that did not meet the initial calibration criterion and the number of samples qualified are presented in the following table.

Compounds Qualified Due to Initial Calibration Deviations (RRF)

Analysis	Compounds	Number of Affected Samples	Qualification	
VOCs	1,4-Dioxane	28	J	
	2-Butanone	25	J	
	Acetone	7	J	
	Acetonitrile	28	J	
	Acrolein	18	J	
	Isobutanol	28	J	

Compounds Qualified Due to Initial Calibration Deviations (RRF)

Analysis	Compounds	Number of Affected Samples	Qualification
SVOCs	4-Nitroquinoline-1-oxide	14	J

The continuing calibration criterion for organic analyses requires that the continuing calibration RRF have a value greater than 0.05. Sample data for detect and non-detect compounds with RRF values less than 0.05 were qualified as estimated (J). The compounds that did not meet the continuing calibration criterion and the number of samples qualified are presented in the following table.

Compounds Qualified Due to Continuing Calibration Deviations (RRF)

Analysis	Compounds	Number of Affected Samples	Qualification
VOCs	2-Butanone	3	J
	Propionitrile	28	J
SVOCs	1,3,5-Trinitrobenzene	11	J

Several of the organic compounds (including the compounds presented in the above tables detailing RRF deviations) exhibit instrument response factors (RFs) below the USEPA Region I minimum value of 0.05, but meet the analytical method criterion which does not specify minimum RFs for these compounds. These compounds were analyzed by the laboratory at a higher concentration than the compounds that normally exhibit RFs greater than the USEPA Region I minimum value of 0.05 in an effort to demonstrate acceptable response. USEPA Region I guidelines state that non-detect compound results associated with a RF less than the minimum value of 0.05 are to be rejected (R). However, in the case of these select organic compounds, the RF is an inherent problem with the current analytical methodology; therefore, the non-detect sample results were qualified as estimated (J).

The continuing calibration criterion requires that the percent difference (%D) between the initial calibration RRF and the continuing calibration RRF for VOCs and SVOCs be less than 25%. Sample data for detect and non-detect compounds with %D values that exceeded the continuing calibration criteria were qualified as estimated (J). A summary of the compounds that exceeded the continuing calibration criterion and the number of samples qualified due to those deviations are presented in the following table.

Compounds Qualified Due to Continuing Calibration of %D Values

Analysis	Compounds	Number of Affected Samples	Qualification
VOCs	1,2,3-Trichloropropane	1	J
	2-Butanone	8	J
	Acrylonitrile	10	J
	Bromomethane	3	J
	Chloromethane	1	J
	Isobutanol	2	J
	Methacrylonitrile	10	J
	Naphthalene	2	J
	Tetrachloroethene	12	J
	Trichlorofluoromethane	10	J
	Vinyl Acetate	8	J

Compounds Qualified Due to Continuing Calibration of %D Values

Analysis	Compounds	Number of Affected Samples	Qualification
SVOCs	1,4-Naphthoquinone	1	J
	2,6-Dinitrotoluene	5	J
	3,3'-Dichlorobenzidine	7	J
	4-Aminobiphenyl	1	J
	a,a'-Dimethylphenethylamine	8	J
	Aramite	6	J
	Benzidine	11	J
	bis(2-Chloroisopropyl)ether	14	J
	Dimethoate	1	J
	Methapyrilene	5	J
	Methyl Methanesulfonate	13	J
	N-Nitrosomorpholine	4	J
	N-Nitrosopyrrolidine	4	J
	o-Toluidine	5	J
	Pronamide	13	J
	Safrole	14	J
	Thionazin	1	J

Continuing calibration verification (CCV) criterion for inorganics requires that the percent recoveries (%R) must be within 90% to 110%. Sample data for detect analytes with %R values greater than 110% but less than 125% were qualified as estimated (J). The analyte that exceeded the continuing calibration criterion and the number of samples qualified due those deviations are presented in the following table.

Analyte Qualified Due to Continuing Calibration Verification CCV %R Deviations

Analysis	Analyte	Number of Affected Samples	Qualification
Inorganics	Lead	2	J

Contract required detection limit (CRDL) standards were analyzed to evaluate instrument performance at low-level concentrations that are near the analytical method PQL. These standards are required to have recoveries between 80% and 120% to verify that the analytical instrumentation was properly calibrated. When CRDL standard recoveries were not in this range, the affected samples with detected results at or near the PQL concentration (less than three times the PQL) were qualified as estimated (J). The analytes that did not meet CRDL criteria and the number of samples qualified due to those deviations are presented in the following table.

Analytes Qualified Due to CRDL Standard Recovery Deviations

Analysis	Analytes	Number of Affected Samples	Qualification
Inorganics	Selenium	14	J
	Thallium	28	J
	Zinc	8	J

Matrix spike/matrix spike duplicate (MS/MSD) sample analysis recovery criteria for organics require that the MS/MSD recovery be within the laboratory-generated QC control limits specified on the MS reporting form. Associated sample results with MS/MSD recoveries that were less than the laboratory-generated QC control limits and have recoveries greater than 10% were qualified as estimated (J). Associated non-detect compounds that were less than 10% were qualified as rejected (R). The compounds that did not meet MS/MSD recovery criteria and the number of samples qualified due to those deviations are presented in the following table.

Compounds Qualified Due to MS/MSD Recovery Deviations

Analysis	Compounds	Number of Affected Samples	Qualification
VOCs	Chlorobenzene	1	J
	Naphthalene	1	J
Pesticides/Herbicides	Alpha-Chlordane	1	R
	Beta-BHC	1	J
	Delta-BHC	1	R
	Endrin Ketone	1	R
	Gamma-Chlordane	1	J
	Heptachlor Epoxide	1	J

MS/MSD sample analysis recovery criteria for organics require that the RPD between the MS and MSD be less than the laboratory-generated QC acceptance limits specified on the MS/MSD reporting form. The compounds that exceeded RPD limits and the number of samples qualified due to deviations are presented in the following table.

Compounds Qualified Due to MS RPD Deviations

Analysis	Compounds	Number of Affected Samples	Qualification
VOCs	Naphthalene	1	J
Pesticides/Herbicides	Beta-BHC	1	J

Field duplicate samples were analyzed to evaluate the overall precision of laboratory and field procedures. The RPD between field duplicate samples is required to be less than 30% for water sample values greater than five times the PQL for organics. Sample results that exceeded these limits were qualified as estimated (J). The compound that did not meet field duplicate RPD requirements and the number of samples qualified due to those deviations are presented in the following table.

Compounds Qualified Due to Field Duplicate Deviations

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	Chlorobenzene	2	J

Surrogate compounds are analyzed with every organic sample to aid in evaluation of the sample extraction efficiency. As specified in the FSP/QAPP, two of the three SVOC surrogate compounds within each fraction and at least one of the PCB and Pesticide/Herbicide surrogate compounds must be within the laboratory-specified control limits. Sample results were qualified as estimated (J) for all compounds when surrogate recovery criteria were outside control limits and were greater than 10%. Non-detect sample results less than 10% were qualified as rejected (R). A summary of the compounds affected by surrogate recovery exceedences and the number of samples qualified due to those deviations are presented in the following table.

Compounds Qualified Due to Surrogate Recovery Deviations

	Compounds	Number of Affected Samples	Qualification
Analysis	Compounds	1	
SVOCs	All acid compounds	1	R
Pesticides/Herbicides	4,4'-DDD	2	J
	4,4'-DDE	2	J
	4,4'-DDT	2	J
	Aldrin	2	J
	Alpha-BHC	2	J
	Alpha-Chlordane	2	J
	Beta-BHC	2	J
	Delta-BHC	2	J
	Dieldrin	2	J
	Endosulfan I	2	J
	Endosulfan II	2	J
	Endosulfan Sulfate	2	J
	Endrin	2	J
	Endrin Aldehyde	2	J
	Endrin Ketone	2	J
	Gamma-BHC (Lindane)	2	J
	Gamma-Chlordane	2	J
	Heptachlor	2	J
	Heptachlor Epoxide	2	J
	Kepone	1	J
	Methoxychlor	2	J
	Technical Chlordane	2	J
	Toxaphene	2	J

Blank action levels for inorganic analytes detected in the blanks were calculated at five times the blank concentrations. Detected sample result that was below the blank action level and above the instrument detection limit (IDL) was qualified with a "U." The analytes/compound detected in method blank which resulted in qualification of sample data, along with the number of affected samples, are presented in the following table.

Analytes/Compound Qualified Due to Blank Deviations

Analysis	Analytes/Compound	Number of Affected Samples	Qualification
Inorganics	Chromium	10	U
	Copper	5	U
	Zinc	9	U
Cyanides/Sulfides	Cyanide	2	U
SVOCs	Naphthalene	1	U

Extraction holding timing criterion for organics require that water extractions for SVOCs are extracted within 7 days. The compounds that exceeded extraction holding time and the number of samples qualified due to deviation are presented in the following table.

Compounds Qualified Due to Extraction Holding Time Deviations

Analysis	Compounds	Number of Affected Samples	Qualification
SVOCs	All base-neutral compounds	1	J

5.0 Overall Data Usability

This section summarizes the analytical data in terms of its completeness and usability for site characterization purposes. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. The percent usability calculation included analyses evaluated under both the Tier I and Tier II data validation reviews. Data completeness with respect to usability was calculated separately for inorganic and each of the organic analysis. The percent usability calculation also includes quality control samples collected to aid in the evaluation of data usability. Therefore, field/equipment blank, trip blank, and field duplicate data determined to be unusable as a result of the validation process are represented in the percent usability value tabulated in the following table.

Data Usability

Data Csability				
Percent Usability	Rejected Data			
100	None			
100	None			
100	None			
98.9	A total of 18 sample results were rejected due to surrogate recovery deviations.			
99.2	A total of three sample results were rejected due to MS/MSD recovery deviations.			
100	None			
100	None			
	Percent Usability 100 100 100 98.9 99.2 100			

The data package completeness, as determined from the Tier I data review, was used in combination with the data quality deviations identified during the Tier II data review to determine overall data quality. As specified in the FSP/QAPP, the overall precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters determined from the Tier I and Tier II data reviews were used as indicators of overall data quality. These parameters were assessed through an evaluation of the results of the field and laboratory QA/QC sample analyses to provide a measure of compliance of the analytical data with the Data Quality Objectives (DQOs) specified in the FSP/QAPP. Therefore, the following sections present summaries of the PARCC parameters assessment with regard to the DQOs specified in the FSP/QAPP.

5.1 Precision

Precision measures the reproducibility of measurements under a given set of conditions. Specifically, it is a quantitative measure of the variability of a group of measurements compared to their average value. For this investigation, precision was defined as the RPD between duplicate sample results. The duplicate samples used to evaluate precision included laboratory duplicates, field duplicates, MS/MSD samples, and ICP serial dilution samples. For this analytical program, 0.04% of the data required qualification due to field duplicate RPD deviations and 0.04% of the data required qualification due to MS/MSD RPD deviations. None of the data required qualification due to laboratory duplicate RPD deviations or ICP serial dilution sample deviations.

5.2 Accuracy

Accuracy measures the bias in an analytical system or the degree of agreement of a measurement with a known reference value. For this investigation, accuracy was defined as the percent recovery of QA/QC samples that were spiked with a known concentration of an analyte or compound of interest. The QA/QC samples used to evaluate analytical accuracy included instrument calibration, internal standards, laboratory control standards (LCSs), MS/MSD samples, CRDL samples, and surrogate compound recoveries. For this analytical program, 8.3% of the data required qualification due to instrument calibration deviations, 0.17% of the data required qualification due to MS/MSD recovery deviations, 1.1% of the data required qualification due to SRDL standard recovery deviations, and 1.4% of the data required qualification due to surrogate compound standard recovery deviations. None of the data required qualification due to internal standards recovery deviations or LCS recovery deviations.

5.3 Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents a characteristic of a population, parameter variations at a sampling point, or an environmental condition. Representativeness is a qualitative parameter, which is most concerned with the proper design of the sampling program. The representativeness criterion is best satisfied by making certain that sampling locations are selected properly and a sufficient number of samples are collected. This parameter has been addressed by collecting samples at locations specified in MDEP-approved work plans, and by following the procedures for sample collection/analyses that were described in the FSP/QAPP. Additionally, the analytical program used procedures consistent with USEPA-approved analytical methodology. A QA/QC parameter that is an indicator of the representativeness of a sample is holding time. Holding time criteria are established to maintain the samples in a state that is representative of the in-situ field conditions before analysis. For this analytical program, 2.3% of the data required qualification due to extraction holding time requirements.

5.4 Comparability

Comparability is a qualitative parameter expressing the confidence with which one data set can be compared with another. This goal was achieved through the use of the standardized techniques for sample collection and analysis presented in the FSP/QAPP. The USEPA SW-846¹ analytical methods presented in the FSP/QAPP are updated on occasion by the USEPA to benefit from recent technological advancements in analytical chemistry and instrumentation. In most cases, the method upgrades include the incorporation of new technology that improves the sensitivity and stability of the instrumentation or allows the laboratory to increase throughput without hindering accuracy and precision. Overall, the analytical methods for this investigation have remained consistent in their general approach through continued use of the basic analytical techniques (e.g., sample extraction/preparation, instrument calibration, QA/QC procedures). Through this use of consistent base analytical procedures and by requiring that updated procedures meet the QA/QC criteria specified in the FSP/QAPP, the analytical data from past, present, and future sampling events will be comparable to allow for qualitative and quantitative assessment of site conditions. Through this use of consistent base analytical procedures and by requiring that updated procedures meet the QA/QC criteria specified in the FSP/QAPP, the analytical data from past, present, and future sampling events will be comparable to allow for qualitative and quantitative assessment of site conditions.

¹ Test Methods for evaluating Solid Waste, SW-846, USEPA, Final Update III, December 1996.

5.5 Completeness

Completeness is defined as the percentage of measurements that are judged to be valid or usable to meet the prescribed DQOs. The completeness criterion is essentially the same for all data uses -- the generation of a sufficient amount of valid data. The actual completeness of this analytical data set ranged from 98.9% to 100% for individual analytical parameters and had an overall usability of 99.7%, which is greater than the minimum required usability of 90% as specified in the FSP/QAPP.

The rejected sample data for these investigations include sample analyses results for three Pesticides/Herbicides for sample location 95B-R due to low MS/MSD recoveries. Re-sampling at this location is not recommended since duplicate analysis of the MS has proven matrix interference and the same analytical performance limitations for the analysis could occur again.

Sample Delivery		Date		Validation							
Group No.	Sample ID	Collected	Matrix	Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCBs											
	6B-R	10/6/2004	Water	Tier II	No						
	6B-R (filtered)	10/6/2004	Water	Tier II	No						
	DUP-2	10/7/2004	Water	Tier II	No						GMA3-5
	DUP-2 (filtered)	10/7/2004	Water	Tier II	No						GMA3-5
	GMA3-5	10/7/2004	Water	Tier II	No						
4J0P175	GMA3-5 (filtered)	10/7/2004	Water	Tier II	No						
	82B-R	10/8/2004	Water	Tier II	No						
	82B-R (filtered)	10/8/2004	Water	Tier II	No						
	90B	10/7/2004	Water	Tier II	No						
	90B (filtered)	10/7/2004	Water	Tier II	No						
4J0P218	GMA3-6	10/7/2004	Water	Tier II	No						
	GMA3-6 (filtered)	10/7/2004	Water	Tier II	No						
4J0P218	GMA3-7	10/8/2004	Water	Tier II	No						
	GMA3-7 (filtered)	10/8/2004	Water	Tier II	No						
4J0P363	114B-R	10/14/2004	Water	Tier II	No						
	114B-R (filtered)	10/14/2004	Water	Tier II	No						
	89B	10/14/2004	Water	Tier II	No						
	89B (filtered)	10/14/2004	Water	Tier II	No						
	95B-R	10/14/2004	Water	Tier II	No						
	95B-R (filtered)	10/14/2004	Water	Tier II	No						000
	DUP-4	10/14/2004	Water	Tier II	No						89B
	DUP-4 (filtered)	10/14/2004	Water	Tier II	No						89B
	78B-R	10/15/2004	Water	Tier II	No						
	78B-R (filtered)	10/15/2004	Water	Tier II	No						
	GMA3-3	10/15/2004	Water	Tier II	No						
	GMA3-3 (filtered)	10/15/2004	Water	Tier II	No No						
4J0P364	RINSE BLANK-1	10/15/2004	Water	Tier II	No No						
	RINSE BLANK-1 (filtered)	10/15/2004	Water	Tier II	INO						
Metals	Ion n	10/0/0001		-		lo i i	Japan a	100 =0/		115/0.00500)	1
4J0P175	6B-R	10/6/2004	Water	Tier II	Yes	Selenium	CRDL Standard %R	122.5%	80% to 120%	ND(0.00500) J	
4100475	OD D ((1)	40/0/0004	10/-1	T' 11		Thallium	CRDL Standard %R	65.0%	80% to 120%	ND(0.0100) J	
4J0P175	6B-R (filtered)	10/6/2004	Water	Tier II	Yes	Selenium	CRDL Standard %R	122.5%	80% to 120%	ND(0.00500) J	
						Thallium Zinc	CRDL Standard %R Method Blank	65.0%	80% to 120%	ND(0.0100) J ND(0.020)	
4J0P175	DUP-2	10/7/2004	Water	Tier II	Yes	Selenium	CRDL Standard %R	122.5%	80% to 120%	ND(0.020) ND(0.00500) J	GMA3-5
4JUP175	DOP-2	10/7/2004	vvater	Herli	res						GIVIA3-5
4J0P175	DUP-2 (filtered)	10/7/2004	Water	Tier II	Yes	Thallium Selenium	CRDL Standard %R CRDL Standard %R	65.0% 122.5%	80% to 120% 80% to 120%	ND(0.0100) J ND(0.00500) J	GMA3-5
4JUP175	DOP-2 (filtered)	10/7/2004	vvater	Herli	res	Thallium	CRDL Standard %R	65.0%	80% to 120%	ND(0.00500) J ND(0.0100) J	GIVIA3-5
						Zinc	Method Blank	65.0%	80% to 120%	ND(0.0100) 3 ND(0.020)	
4J0P175	GMA3-5	10/7/2004	Water	Tier II	Yes	Selenium	CRDL Standard %R	122.5%	80% to 120%	ND(0.020)	
4JUP175	GMA3-5	10/7/2004	vvater	Herli	res	Thallium	CRDL Standard %R CRDL Standard %R	65.0%	80% to 120%	ND(0.00500) J ND(0.0100) J	
4J0P175	GMA3-5 (filtered)	10/7/2004	Water	Tier II	Yes	Selenium	CRDL Standard %R	122.5%	80% to 120%	ND(0.00500) J	
4JUP 175	GIVIAS-5 (IIILered)	10/7/2004	vvalei	i iei ii	162	Thallium	CRDL Standard %R	65.0%	80% to 120%	ND(0.00500) J	
						Zinc	Method Blank		80% to 120%	ND(0.0100) 3	
4J0P218	82B-R	10/8/2004	Water	Tier II	Yes	Selenium	CRDL Standard %R	122.5%	80% to 120%	ND(0.020)	
4507210	02B-K	10/0/2004	vvalei	116111	165	Thallium	CRDL Standard %R	65.0%	80% to 120%	ND(0.00300) J	
]	Zinc	CRDL Standard %R	78.7%	80% to 120%	0.0140 J	1
4J0P218	82B-R (filtered)	10/8/2004	Water	Tier II	Yes	Selenium	CRDL Standard %R CRDL Standard %R	78.7% 122.5%	80% to 120% 80% to 120%	0.0140 J ND(0.00500) J	1
4JUI 2 10	OZD-IN (IIIIEIEU)	10/0/2004	vvalei	i lei ii	162	Thallium	CRDL Standard %R	65.0%	80% to 120%	ND(0.00500) J	1
						Zinc	Method Blank	65.0%	00% to 120%	ND(0.0100) 3 ND(0.020)	+
						Zinc	CRDL Standard %R	78.7%	80% to 120%	ND(0.020) ND(0.020) J	1
4J0P218	90B	10/7/2004	Water	Tier II	Yes	Selenium	CRDL Standard %R CRDL Standard %R	122.5%	80% to 120%	ND(0.020) J ND(0.00500) J	1
-1001-210	300	10/1/2004	vvalei	116111	162	Thallium	CRDL Standard %R	65.0%	80% to 120%	ND(0.00300) J	
]						1
						Zinc	CRDL Standard %R	78.7%	80% to 120%	0.0160 J	

Sample Delivery	,	Date		Validation							
Group No.	Sample ID	Collected	Matrix	Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (continue		Concolcu	Watin	Level	Quannication	Compound	QA/QOT arameter	Value	CONTROL ENTITES	Qualified Nesult	Hotes
4J0P218	90B (filtered)	10/7/2004	Water	Tier II	Yes	Selenium	CRDL Standard %R	122.5%	80% to 120%	ND(0.00500) J	
	, ,					Thallium	CRDL Standard %R	65.0%	80% to 120%	ND(0.0100) J	
						Zinc	Method Blank	-	-	ND(0.020)	
						Zinc	CRDL Standard %R	78.7%	80% to 120%	ND(0.020) J	
4J0P218	GMA3-6	10/7/2004	Water	Tier II	Yes	Selenium	CRDL Standard %R	122.5%	80% to 120%	ND(0.00500) J	<u> </u>
						Thallium	CRDL Standard %R	65.0%	80% to 120%	ND(0.0100) J	
						Zinc	CRDL Standard %R	78.7%	80% to 120%	0.0130 J	
4J0P218	GMA3-6 (filtered)	10/7/2004	Water	Tier II	Yes	Selenium	CRDL Standard %R	122.5%	80% to 120%	ND(0.00500) J	
						Thallium	CRDL Standard %R	65.0%	80% to 120%	ND(0.0100) J	
						Zinc	CRDL Standard %R	78.7%	80% to 120%	ND(0.0200) J	
4J0P218	GMA3-7	10/8/2004	Water	Tier II	Yes	Selenium	CRDL Standard %R	122.5%	80% to 120%	ND(0.00500) J	
						Thallium	CRDL Standard %R	65.0%	80% to 120%	ND(0.0100) J	
						Zinc	CRDL Standard %R	78.7%	80% to 120%	0.0180 J	
4J0P218	GMA3-7 (filtered)	10/8/2004	Water	Tier II	Yes	Selenium	CRDL Standard %R	122.5%	80% to 120%	ND(0.00500) J	
						Thallium	CRDL Standard %R	65.0%	80% to 120%	ND(0.0100) J	
						Zinc	Method Blank	-	-	ND(0.020)	
						Zinc	CRDL Standard %R	78.7%	80% to 120%	ND(0.020) J	
4J0P363	114B-R	10/14/2004	Water	Tier II	Yes	Chromium	Method Blank	-	-	ND(0.0075)	
						Thallium	CRDL Standard %R	78.7%	80% to 120%	ND(0.0100) J	
4J0P363	114B-R (filtered)	10/14/2004	Water	Tier II	Yes	Chromium	Method Blank	-	-	ND(0.010)	
						Copper	Method Blank			ND(0.009)	
						Thallium	CRDL Standard %R	78.7%	80% to 120%	ND(0.0100) J	
		40/44/0004				Zinc	Method Blank	-	-	ND(0.020)	
4J0P363	89B	10/14/2004	Water	Tier II	Yes	Chromium	Method Blank	- 70.70/	-	ND(0.0075)	
4.10.0000	00D (file 1)	40/44/0004	10/	T' U	V	Thallium	CRDL Standard %R	78.7%	80% to 120%	ND(0.0100) J	
4J0P363	89B (filtered)	10/14/2004	Water	Tier II	Yes	Chromium	Method Blank	- 440.40/	- 000/ +- 4400/	ND(0.0075)	+
						Lead Thallium	CCV %R CRDL Standard %R	112.4% 78.7%	90% to 110% 80% to 120%	0.000700 J ND(0.0100) J	+
4J0P363	95B-R	10/14/2004	\Mate	Ties II	Van		Method Blank	78.7%	80% to 120%	1	+
4J0P363	95B-R	10/14/2004	Water	Tier II	Yes	Chromium Thallium	CRDL Standard %R	78.7%	80% to 120%	ND(0.0075) ND(0.0100) J	+
4J0P363	95B-R (filtered)	10/14/2004	Water	Tier II	Van		Method Blank		80% to 120%		+
4302363	95B-R (Ilitered)	10/14/2004	vvater	Herm	Yes	Chromium Copper	Method Blank	-	-	ND(0.010) ND(0.009)	+
						Thallium	CRDL Standard %R	78.7%	80% to 120%	ND(0.009)	+
						Zinc	Method Blank	10.1%	- 00% 10 120%	ND(0.0100) 3	+
4J0P363	DUP-4	10/14/2004	Water	Tier II	Yes	Chromium	Method Blank			ND(0.020)	89B
TOU! OUO	DOI 24	10/14/2004	vvalei	116111	169	Thallium	CRDL Standard %R	78.7%	80% to 120%	ND(0.0100) J	030
4J0P363	DUP-4 (filtered)	10/14/2004	Water	Tier II	Yes	Chromium	Method Blank	-	-	ND(0.0100) 3	89B
-1001 000	DOI 14 (IIIIOIOU)	10/17/2004	water	110111	163	Copper	Method Blank	- -	-	ND(0.010)	1000
				1		Lead	CCV %R	112.4%	90% to 110%	0.00130 J	+
				1		Thallium	CRDL Standard %R	78.7%	80% to 120%	ND(0.0100) J	+
				1		Zinc	Method Blank	-	-	ND(0.020)	+
4J0P364	78B-R	10/15/2004	Water	Tier II	Yes	Thallium	CRDL Standard %R	65.3%	80% to 120%	ND(0.0100) J	+
4J0P364	78B-R (filtered)	10/15/2004	Water	Tier II	Yes	Copper	Method Blank	-	-	ND(0.009)	+
.55. 55	. SE A (IIIIOTOU)	10/10/2004	· · · · · · · · · · · · · · · · · · ·	110111	1.00	Thallium	CRDL Standard %R	65.3%	80% to 120%	ND(0.0100) J	+
4J0P364	GMA3-3	10/15/2004	Water	Tier II	Yes	Chromium	Method Blank	-	-	ND(0.0100) 3	+
		10,10,2004		1		Thallium	CRDL Standard %R	65.3%	80% to 120%	ND(0.0100) J	1
4J0P364	GMA3-3 (filtered)	10/15/2004	Water	Tier II	Yes	Chromium	Method Blank	-	-	ND(0.0075)	+
				1		Copper	Method Blank	-		ND(0.009)	+
				1		Thallium	CRDL Standard %R	65.3%	80% to 120%	ND(0.0100) J	+
4J0P364	RINSE BLANK-1	10/15/2004	Water	Tier II	Yes	Thallium	CRDL Standard %R	65.3%	80% to 120%	ND(0.0100) J	†
4J0P364	RINSE BLANK-1 (filtered		Water	Tier II	Yes	Thallium	CRDL Standard %R	65.3%	80% to 120%	ND(0.0100) J	1

OI- D-1		B.44		W-P I-d							
Sample Delivery Group No.		Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs	Sample ID	Collected	Mana	Level	Qualification	Compound	QA/QC Farailleter	value	Control Limits	Qualified Result	Notes
4J0P175	16B-R	10/7/2004	Water	Tier II	Yes	1.4-Dioxane	ICAL RRF	0.011	>0.05	ND(0,20) J	
4001 175	TOD-IX	10/1/2004	vvater	116111	163	2-Butanone	ICAL RRF	0.025	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.048	>0.05	ND(0.10) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Propionitrile	CCAL RRF	0.012	>0.05	ND(0.010) J	
4J0P175	51-14	10/7/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.011	>0.05	ND(0.20) J	
						2-Butanone	ICAL RRF	0.025	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.048	>0.05	ND(0.10) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Naphthalene	MS %R	37.7%	75% to 125%	ND(0.0050) J	
						Naphthalene	MS/MSD RPD	86.6%	<25%	ND(0.0050) J	
						Propionitrile	CCAL RRF	0.012	>0.05	ND(0.010) J	
4J0P175	6B-R	10/6/2004	Water	Tier II	Yes	1,2,3-Trichloropropane	CCAL %D	99.9%	<25%	ND(0.050) J	
						1,4-Dioxane	ICAL RRF	0.011	>0.05	ND(1.0) J	
						2-Butanone	ICAL RRF	0.025	>0.05	ND(0.050) J	
						2-Butanone	CCAL %D	32.0%	<25%	ND(0.050) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.50) J	
						Acrolein	ICAL RRF	0.048	>0.05	ND(0.50) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(1.0) J	
						Propionitrile	CCAL RRF	0.012	>0.05	ND(0.10) J	
						Vinyl Acetate	CCAL %D	44.4%	<25%	ND(0.050) J	
4J0P175	DUP-2	10/7/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.011	>0.05	ND(0.20) J	GMA3-5
						2-Butanone	ICAL RRF	0.025	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.048	>0.05	ND(0.10) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Propionitrile	CCAL RRF	0.012	>0.05	ND(0.010) J	
4J0P175	DUP-3	10/7/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.011	>0.05	ND(0.20) J	16B-R
						2-Butanone	ICAL RRF	0.025	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.048	>0.05	ND(0.10) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Propionitrile	CCAL RRF	0.012	>0.05	ND(0.010) J	
4J0P175	GMA3-2	10/6/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.011	>0.05	ND(0.20) J	
					1	2-Butanone	ICAL RRF	0.025	>0.05	ND(0.010) J	
					1	Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.10) J	
					I	Acrolein	ICAL RRF	0.048	>0.05	ND(0.10) J	
					1	Isobutanol	ICAL RRF	0.010	>0.05	ND(0.10) J	
	1			1	ļ	Propionitrile	CCAL RRF	0.012	>0.05	ND(0.010) J	
4J0P175	GMA3-5	10/7/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.011	>0.05	ND(0.20) J	
					1	2-Butanone	ICAL RRF	0.025	>0.05	ND(0.010) J	
					1	Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.10) J	
					1	Acrolein	ICAL RRF	0.048	>0.05	ND(0.10) J	
					1	Isobutanol	ICAL RRF	0.010	>0.05	ND(0.10) J	
	TO ID DI ANII	10/2/005			L	Propionitrile	CCAL RRF	0.012	>0.05	ND(0.010) J	
4J0P175	TRIP BLANK	10/7/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.011	>0.05	ND(0.20) J	
					I	2-Butanone	ICAL RRF	0.025	>0.05	ND(0.010) J	
					1	Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.10) J	
					1	Acrolein	ICAL RRF	0.048	>0.05	ND(0.10) J	
					1	Isobutanol	ICAL RRF	0.010	>0.05	ND(0.10) J	
	1					Propionitrile	CCAL RRF	0.012	>0.05	ND(0.010) J	1

Sample Delivery		Date		Validation	0	0	04/00 Barrana (12)	V-I	0	Owell's a Breedy	N1-4
Group No.	Sample ID	Collected	Matrix	Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued	<i>.</i>	40/0/0004	10/-1	T' 11		I Br	lioni ppe	0.044	0.05	ND(0.00) I	
4J0P218	82B-R	10/8/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.011	>0.05	ND(0.20) J	
						2-Butanone	ICAL RRF	0.025	>0.05	ND(0.010) J	
						2-Butanone	CCAL %D	32.0%	<25%	ND(0.010) J	
						Acetone	ICAL RRF	0.048 0.030	>0.05	ND(0.010) J	
						Acetonitrile Isobutanol	ICAL RRF	0.030	>0.05 >0.05	ND(0.10) J	
						Propionitrile	CCAL RRF	0.010	>0.05	ND(0.10) J ND(0.010) J	
						Vinyl Acetate	CCAL KRF	44.4%	<25%	ND(0.010) J	
4J0P218	90B	10/7/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.011	>0.05	ND(0.0050) J	
450F210	90B	10/1/2004	water	i iei ii	165	2-Butanone	ICAL RRF	0.025	>0.05	ND(0.20) J	
						2-Butanone	CCAL %D	32.0%	<25%	ND(0.010) J	
						Acetone	ICAL RRF	0.048	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.10) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Propionitrile	CCAL RRF	0.012	>0.05	ND(0.010) J	
						Vinyl Acetate	CCAL %D	44.4%	<25%	ND(0.0050) J	
4J0P218	GMA3-4	10/8/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.011	>0.05	ND(0.20) J	
						2-Butanone	ICAL RRF	0.025	>0.05	ND(0.010) J	
						2-Butanone	CCAL %D	32.0%	<25%	ND(0.010) J	
						Acetone	ICAL RRF	0.048	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.10) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Propionitrile	CCAL RRF	0.012	>0.05	ND(0.010) J	
						Vinyl Acetate	CCAL %D	44.4%	<25%	ND(0.0050) J	
4J0P218	GMA3-6	10/7/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.011	>0.05	ND(0.20) J	
				vvater Her II		2-Butanone	ICAL RRF	0.025	>0.05	ND(0.010) J	
						2-Butanone	CCAL %D	32.0%	<25%	ND(0.010) J	
						Acetone	ICAL RRF	0.048	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.10) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Propionitrile	CCAL RRF	0.012	>0.05	ND(0.010) J	
						Vinyl Acetate	CCAL %D	44.4%	<25%	ND(0.0050) J	
4J0P218	GMA3-7	10/8/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.011	>0.05	ND(0.20) J	
						2-Butanone	ICAL RRF	0.025	>0.05	ND(0.010) J	
						2-Butanone	CCAL %D	32.0%	<25%	ND(0.010) J	
						Acetone	ICAL RRF	0.048	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.10) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Propionitrile	CCAL RRF	0.012	>0.05	ND(0.010) J	
		1		ļ	ļ	Vinyl Acetate	CCAL %D	44.4%	<25%	ND(0.0050) J	
4J0P218	OBG-2	10/8/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.011	>0.05	ND(0.20) J	
				1	1	2-Butanone	ICAL RRF	0.025	>0.05	ND(0.010) J	
				1	1	2-Butanone	CCAL %D	32.0%	<25%	ND(0.010) J	
				1	1	Acetone	ICAL RRF	0.048	>0.05	ND(0.010) J	
				1	1	Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.10) J	
				1	1	Isobutanol	ICAL RRF	0.010	>0.05	ND(0.10) J	
				1	1	Propionitrile	CCAL RRF	0.012	>0.05	ND(0.010) J	
	TO ID DI ANII	10/0/000		 		Vinyl Acetate	CCAL %D	44.4%	<25%	ND(0.0050) J	
4J0P218	TRIP BLANK	10/8/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.011	>0.05	ND(0.20) J	
				1	1	2-Butanone	ICAL RRF	0.025	>0.05	ND(0.010) J	
				1	1	2-Butanone	CCAL %D	32.0%	<25%	ND(0.010) J	
				1	1	Acetone	ICAL RRF	0.048	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.10) J	

Sample Delivery		Date		Validation							
Group No.	Sample ID	Collected	Matrix	Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued	,	10/0/0001				T	lioni pos	0.040		1 15/0 (0)	
4J0P218	TRIP BLANK	10/8/2004	Water	Tier II	Yes	Isobutanol	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Propionitrile	CCAL RRF	0.012	>0.05	ND(0.010) J	
		10/11/0001			.,	Vinyl Acetate	CCAL %D	44.4%	<25%	ND(0.0050) J	
4J0P363	114B-R	10/14/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.011	>0.05	ND(1.0) J	
						2-Butanone	ICAL RRF	0.025	>0.05	ND(0.050) J	
						Acetonitrile	ICAL RRF	0.030 0.048	>0.05	ND(0.50) J	
						Acrolein Acrylonitrile	CCAL %D	25.6%	>0.05 <25%	ND(0.50) J ND(0.050) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.030) J ND(1.0) J	
						Methacrylonitrile	CCAL %D	28.4%	<25%	ND(0.050) J	
						Propionitrile	CCAL RRF	0.015	>0.05	ND(0.030) 3	
						Tetrachloroethene	CCAL %D	26.4%	<25%	ND(0.050) J	
						Trichlorofluoromethane	CCAL %D	29.2%	<25%	ND(0.050) J	
4J0P363	89B	10/14/2004	Water	Tier II	Yes	1.4-Dioxane	ICAL RRF	0.011	>0.05	ND(0.20) J	
1001 000	000	10/14/2004	Water	110111	100	2-Butanone	ICAL RRF	0.025	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.048	>0.05	ND(0.10) J	
						Acrylonitrile	CCAL %D	25.6%	<25%	ND(0.0050) J	
						Chlorobenzene	Field Duplicate RPD (Water)	193.0%	<30%	0.010 J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Methacrylonitrile	CCAL %D	28.4%	<25%	ND(0.0050) J	
						Propionitrile	CCAL RRF	0.015	>0.05	ND(0.010) J	
						Tetrachloroethene	CCAL %D	26.4%	<25%	ND(0.0020) J	
						Trichlorofluoromethane	CCAL %D	29.2%	<25%	ND(0.0050) J	
4J0P363	95B-R	10/14/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.011	>0.05	ND(0.20) J	
		10/14/2004				2-Butanone	ICAL RRF	0.025	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.048	>0.05	ND(0.10) J	
						Acrylonitrile	CCAL %D	25.6%	<25%	ND(0.0050) J	
						Chlorobenzene	MS %R	398.7%	75% to 125%	0.077 J	
						Chlorobenzene	MSD %R	391.6%	75% to 125%	0.077 J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Methacrylonitrile	CCAL %D	28.4%	<25%	ND(0.0050) J	
						Propionitrile	CCAL RRF	0.015	>0.05	ND(0.010) J	
						Tetrachloroethene	CCAL %D	26.4%	<25%	ND(0.0050) J	
4100000	DUD 4	40/44/0004	10/-1	T' U	V	Trichlorofluoromethane	CCAL %D	29.2%	<25%	ND(0.0050) J	00D
4J0P363	DUP-4	10/14/2004	Water	Tier II	Yes	1,4-Dioxane 2-Butanone	ICAL RRF	0.011 0.025	>0.05 >0.05	ND(1.0) J ND(0.050) J	89B
						Acetonitrile	ICAL RRF	0.025	>0.05	ND(0.050) J	
						Acrolein	ICAL RRF	0.030	>0.05	ND(0.50) J	
						Acrylonitrile	CCAL %D	25.6%	<25%	ND(0.050) J	
						Chlorobenzene	Field Duplicate RPD (Water)	193.0%	<30%	0.56 J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(1.0) J	
						Methacrylonitrile	CCAL %D	28.4%	<25%	ND(0.050) J	
						Propionitrile	CCAL RRF	0.015	>0.05	ND(0.10) J	
		i l				Tetrachloroethene	CCAL %D	26.4%	<25%	ND(0.050) J	
						Trichlorofluoromethane	CCAL %D	29.2%	<25%	ND(0.050) J	
4J0P363	TRIP BLANK	10/14/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.011	>0.05	ND(0.20) J	
						2-Butanone	ICAL RRF	0.025	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.048	>0.05	ND(0.10) J	
						Acrylonitrile	CCAL %D	25.6%	<25%	ND(0.0050) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.10) J	

Sample Delivery		Date		Validation							
Group No.	Sample ID	Collected	Matrix	Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued		40/44/0004	10/	T' 11		Made and Inches	IOOAL A/B	00.40/	050/	ND(0.0050) I	
4J0P363	TRIP BLANK	10/14/2004	Water	Tier II	Yes	Methacrylonitrile	CCAL NDF	28.4% 0.015	<25%	ND(0.0050) J ND(0.010) J	
						Propionitrile Tetrachloroethene	CCAL RRF CCAL %D	26.4%	>0.05 <25%	ND(0.010) J ND(0.0020) J	
						Trichlorofluoromethane	CCAL %D	29.2%	<25% <25%	ND(0.0020) J ND(0.0050) J	
4J0P364	78B-R	10/15/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.011	>0.05	ND(0.0030) 3 ND(2.0) J	
4301 304	70D-IX	10/13/2004	water	TIGI II	163	2-Butanone	ICAL RRF	0.025	>0.05	ND(0.10) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(1.0) J	
						Acrolein	ICAL RRF	0.048	>0.05	ND(1.0) J	
						Acrylonitrile	CCAL %D	25.6%	<25%	ND(0.10) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(2.0) J	
						Methacrylonitrile	CCAL %D	28.4%	<25%	ND(0.10) J	
						Propionitrile	CCAL RRF	0.015	>0.05	ND(0.20) J	
						Tetrachloroethene	CCAL %D	26.4%	<25%	ND(0.10) J	
						Trichlorofluoromethane	CCAL %D	29.2%	<25%	ND(0.10) J	
4J0P364	GMA3-3	10/15/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.011	>0.05	ND(0.20) J	
						2-Butanone	ICAL RRF	0.025	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.048	>0.05	ND(0.10) J	
						Acrylonitrile	CCAL %D	25.6%	<25%	ND(0.0050) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Methacrylonitrile	CCAL %D	28.4%	<25%	ND(0.0050) J	
						Propionitrile	CCAL RRF CCAL %D	0.015 26.4%	>0.05 <25%	ND(0.010) J ND(0.0050) J	
						Tetrachloroethene Trichlorofluoromethane	CCAL %D	29.2%	<25% <25%	ND(0.0050) J ND(0.0050) J	
4J0P364	GMA3-9	10/15/2004	Mator	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.011	>0.05	ND(0.20) J	
4307 304	GIVIA3-9	10/15/2004	Water	i iei ii	165	2-Butanone	ICAL RRF	0.011	>0.05	ND(0.20) 3 ND(0.010) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.048	>0.05	ND(0.10) J	
						Acrylonitrile	CCAL %D	25.6%	<25%	ND(0,0050) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Methacrylonitrile	CCAL %D	28.4%	<25%	ND(0.0050) J	
						Naphthalene	Method Blank	-	-	ND(0.0050)	
						Propionitrile	CCAL RRF	0.015	>0.05	ND(0.010) J	
						Tetrachloroethene	CCAL %D	26.4%	<25%	ND(0.0020) J	
						Trichlorofluoromethane	CCAL %D	29.2%	<25%	ND(0.0050) J	
4J0P364	RINSE BLANK-1	10/15/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.011	>0.05	ND(0.20) J	
						2-Butanone	ICAL RRF	0.025	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.048	>0.05	ND(0.10) J	
						Acrylonitrile	CCAL %D	25.6%	<25%	ND(0.0050) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Methacrylonitrile	CCAL NDF	28.4%	<25%	ND(0.0050) J	
						Propionitrile Tetraphlereethens	CCAL RRF CCAL %D	0.015	>0.05	ND(0.010) J ND(0.0020) J	
						Tetrachloroethene Trichlorofluoromethane	CCAL %D	26.4% 29.2%	<25% <25%	ND(0.0020) J ND(0.0050) J	
4J0P364	TRIP BLANK	10/15/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.011	>0.05	ND(0.0050) J ND(0.20) J	
7001:304	IIIII DLAINK	10/13/2004	water	1161 11	162	2-Butanone	ICAL RRF	0.025	>0.05	ND(0.20) J ND(0.010) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.030	>0.05	ND(0.10) J	
						Acrylonitrile	CCAL %D	25.6%	<25%	ND(0.0050) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Methacrylonitrile	CCAL %D	28.4%	<25%	ND(0.0050) J	
						Propionitrile	CCAL RRF	0.015	>0.05	ND(0.010) J	

Sample Delivery		Date	5.5 a. 6 a. 5 a. a.	Validation	0	0	0.4/0.0 P	Water	Occurred Liberty	0	Nere
Group No.	Sample ID	Collected	Matrix	Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued		10/15/0001		T =	T 1/2	I 	Joon or	00.40/	0=0/	115 (0.0000)	
4J0P364	TRIP BLANK	10/15/2004	Water	Tier II	Yes	Tetrachloroethene Trichlorofluoromethane	CCAL %D CCAL %D	26.4% 29.2%	<25% <25%	ND(0.0020) J ND(0.0050) J	
4J0P670	111B	10/22/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL %D	0.012	<25% >0.05	ND(0.0050) J ND(0.20) J	
4300070	IIID	10/22/2004	water	i iei ii	165	2-Butanone	CCAL RRF	0.012	>0.05	ND(0.20) J	
						Acetonitrile	ICAL RRF	0.023	>0.05	ND(0.010) J	
						Bromomethane	CCAL %D	26.0%	<25%	ND(0.0020) J	
						Isobutanol	ICAL RRF	0.013	>0.05	ND(0.10) J	
						Isobutanol	CCAL %D	32.4%	<25%	ND(0.10) J	
						Naphthalene	CCAL %D	38.0%	<25%	ND(0.0050) J	
						Propionitrile	CCAL RRF	0.015	>0.05	ND(0.010) J	
						Tetrachloroethene	CCAL %D	63.2%	<25%	ND(0.0020) J	
4J0P670	GMA3-8	10/21/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.012	>0.05	ND(0.20) J	
						2-Butanone	CCAL RRF	0.023	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.10) J	
						Bromomethane	CCAL %D	26.0%	<25%	ND(0.0020) J	
						Isobutanol	ICAL RRF	0.013	>0.05	ND(0.10) J	
						Isobutanol	CCAL %D	32.4%	<25%	ND(0.10) J	
						Naphthalene	CCAL %D	38.0%	<25%	0.0042 J	
						Propionitrile	CCAL RRF	0.015	>0.05	ND(0.010) J	
						Tetrachloroethene	CCAL %D	63.2%	<25%	ND(0.0020) J	
4J0P670	TRIP BLANK	10/21/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.012	>0.05	ND(0.20) J	
						2-Butanone	CCAL RRF	0.023	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.030	>0.05	ND(0.10) J	
						Bromomethane	CCAL %D	39.6%	<25%	ND(0.0020) J	
						Chloromethane	CCAL %D	29.6%	<25%	ND(0.0050) J	
						Isobutanol	ICAL RRF	0.013	>0.05	ND(0.10) J	
						Propionitrile	CCAL RRF	0.014	>0.05	ND(0.010) J	
SVOCs											
4J0P175	6B-R	10/6/2004	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL RRF	0.044	>0.05	ND(0.010) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.010) J	
						Aramite	CCAL %D	30.4%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	36.9%	<25%	ND(0.020) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	27.4%	<25%	ND(0.010) J	
						Methapyrilene	CCAL %D	31.8%	<25%	ND(0.010) J	
						Methyl Methanesulfonate	CCAL %D	33.5%	<25%	ND(0.010) J	
						Pronamide	CCAL %D	43.3%	<25%	ND(0.010) J	
						Safrole	CCAL %D	85.6%	<25%	ND(0.010) J	
4J0P175	DUP-2	10/7/2004	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL RRF	0.044	>0.05		GMA3-5
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.010) J	
						Aramite	CCAL %D	30.4%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	36.9%	<25%	ND(0.020) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	27.4%	<25%	ND(0.010) J	
						Methapyrilene	CCAL %D	31.8%	<25%	ND(0.010) J	
						Methyl Methanesulfonate	CCAL %D	33.5%	<25%	ND(0.010) J	
						Pronamide	CCAL %D	43.3%	<25%	ND(0.010) J	
				 		Safrole	CCAL %D	85.6%	<25%	ND(0.010) J	
4J0P175	GMA3-5	10/7/2004	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL RRF	0.044	>0.05	ND(0.010) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.010) J	
						Aramite	CCAL %D	30.4%	<25%	ND(0.010) J	
l						Benzidine	CCAL %D	36.9%	<25%	ND(0.020) J	
ł					1	bis(2-Chloroisopropyl)ether	CCAL %D	27.4%	<25%	ND(0.010) J	

Sample Delivery		Date		Validation							
Group No.	Sample ID	Collected	Matrix	Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continue	ed)			•	•	•	•	'			
4J0P175	GMA3-5	10/7/2004	Water	Tier II	Yes	Methapyrilene	CCAL %D	31.8%	<25%	ND(0.010) J	
						Methyl Methanesulfonate	CCAL %D	33.5%	<25%	ND(0.010) J	
						Pronamide	CCAL %D	43.3%	<25%	ND(0.010) J	
						Safrole	CCAL %D	85.6%	<25%	ND(0.010) J	
4J0P218	82B-R	10/8/2004	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL RRF	0.037	>0.05	ND(0.010) J	
						3,3'-Dichlorobenzidine	CCAL %D	39.7%	<25%	ND(0.020) J	
						4-Nitrophenol	ICAL %RSD	34.4%	<30%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.4%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	39.5%	<25%	ND(0.020) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	32.7%	<25%	ND(0.010) J	
						Methyl Methanesulfonate	CCAL %D	34.8%	<25%	ND(0.010) J	
						N-Nitrosopyrrolidine	CCAL %D	28.6%	<25%	ND(0.010) J	
						o-Toluidine	CCAL %D	27.5%	<25%	ND(0.010) J	
						Pronamide	CCAL %D	25.7%	<25%	ND(0.010) J	
						Safrole	CCAL %D	84.4%	<25%	ND(0.010) J	
4J0P218	90B	10/7/2004	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL RRF	0.037	>0.05	ND(0.010) J	
						3,3'-Dichlorobenzidine	CCAL %D	39.7%	<25%	ND(0.020) J	
						4-Nitrophenol	ICAL %RSD	34.4%	<30%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	32.4%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	39.5%	<25%	ND(0.020) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	32.7%	<25%	ND(0.010) J	
						Methyl Methanesulfonate	CCAL %D	34.8%	<25%	ND(0.010) J	
						N-Nitrosopyrrolidine	CCAL %D	28.6%	<25%	ND(0.010) J	
						o-Toluidine	CCAL %D	27.5%	<25%	ND(0.010) J	
						Pronamide	CCAL %D	25.7%	<25%	ND(0.010) J	
	01110	10/7/0001	147			Safrole	CCAL %D	84.4%	<25%	ND(0.010) J	
4J0P218	GMA3-6	10/7/2004	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL RRF CCAL %D	0.037 39.7%	>0.05 <25%	ND(0.010) J ND(0.020) J	
						3,3'-Dichlorobenzidine	ICAL %D	39.7%		ND(0.020) J ND(0.050) J	
						4-Nitrophenol	ICAL %RSD	0.034	<30% >0.05	ND(0.050) J ND(0.010) J	
						4-Nitroquinoline-1-oxide a,a'-Dimethylphenethylamine	CCAL %D	32.4%	>0.05 <25%	ND(0.010) J ND(0.010) J	
						Benzidine	CCAL %D	32.4%	<25% <25%	ND(0.010) J ND(0.020) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	32.7%	<25%	ND(0.020) J ND(0.010) J	
						Methyl Methanesulfonate	CCAL %D	34.8%	<25%	ND(0.010) J	
						N-Nitrosopyrrolidine	CCAL %D	28.6%	<25%	ND(0.010) J	
						o-Toluidine	CCAL %D	27.5%	<25%	ND(0.010) J	
						Pronamide	CCAL %D	25.7%	<25%	ND(0.010) J	
						Safrole	CCAL %D	84.4%	<25%	ND(0.010) J	
4J0P218	GMA3-7	10/8/2004	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL RRF	0.037	>0.05	ND(0.010) J	
4001 210	CIVITIO 1	10/0/2004	Water	110111	100	3,3'-Dichlorobenzidine	CCAL %D	39.7%	<25%	ND(0.020) J	
						4-Nitrophenol	ICAL %RSD	34.4%	<30%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.010) J	
				1		a,a'-Dimethylphenethylamine	CCAL %D	32.4%	<25%	ND(0.010) J	
				1		Benzidine	CCAL %D	39.5%	<25%	ND(0.020) J	
				1		bis(2-Chloroisopropyl)ether	CCAL %D	32.7%	<25%	ND(0.010) J	
				1		Methyl Methanesulfonate	CCAL %D	34.8%	<25%	ND(0.010) J	
				1		N-Nitrosopyrrolidine	CCAL %D	28.6%	<25%	ND(0.010) J	
		1		1		o-Toluidine	CCAL %D	27.5%	<25%	ND(0.010) J	
				1		Pronamide	CCAL %D	25.7%	<25%	ND(0.010) J	
	ĺ	1		I		Safrole	CCAL %D	84.4%	<25%	ND(0.010) J	

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in parts per million, ppm)

Sample Delivery		Date		Validation							
Group No.	Sample ID	Collected	Matrix	Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continue											
4J0P363	114B-R	10/14/2004	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL RRF	0.038	>0.05	ND(0.010) J	
						1,4-Naphthoquinone	CCAL %D	39.0%	<25%	ND(0.010) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.010) J	
						Benzidine	CCAL %D	39.6%	<25%	ND(0.020) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	33.5%	<25%	ND(0.010) J	
						Methyl Methanesulfonate	CCAL %D CCAL %D	32.6%	<25%	ND(0.010) J ND(0.010) J	
						N-Nitrosomorpholine Pronamide	CCAL %D	28.8% 37.0%	<25% <25%	ND(0.010) J ND(0.010) J	
						Safrole	CCAL %D	86.9%	<25%	ND(0.010) J	
4J0P363	89B	10/14/2004	Water	Tier II	Yes	2,6-Dinitrotoluene	CCAL %D	26.4%	<25%	ND(0.010) J	
4301 303	09B	10/14/2004	vvalei	i iei ii	165	4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(0.010) J	
						4-Nitroguinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.030) J	
						a,a'-Dimethylphenethylamine	CCAL %D	25.4%	<25%	ND(0.010) J	
						Aramite	CCAL %D	26.2%	<25%	ND(0.010) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	31.8%	<25%	ND(0.010) J	
						Methyl Methanesulfonate	CCAL %D	39.9%	<25%	ND(0.010) J	
						Pronamide	CCAL %D	41.0%	<25%	ND(0.010) J	
						Safrole	CCAL %D	96.6%	<25%	ND(0.010) J	
4J0P363	95B-R	10/14/2004	Water	Tier II	Yes	1,2,4,5-Tetrachlorobenzene	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	Used reanalysis
						1,2,4-Trichlorobenzene	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	, , , , , , , , , , , , , , , , , , , ,
						1,2-Dichlorobenzene	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						1,2-Diphenylhydrazine	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						1,3,5-Trinitrobenzene	CCAL RRF	0.046	>0.05	ND(0.010) J	
						1,3,5-Trinitrobenzene	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						1,3-Dichlorobenzene	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						1,3-Dinitrobenzene	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						1,4-Dichlorobenzene	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						1,4-Naphthoquinone	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						1-Naphthylamine	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						2,3,4,6-Tetrachlorophenol	Surrogate Recovery Acid	8.8%, 15.4%	10% to 94%, 21% to 100%	R	
						2,4,5-Trichlorophenol	Surrogate Recovery Acid	8.8%, 15.4%	10% to 94%, 21% to 100%	R	
						2,4,6-Trichlorophenol	Surrogate Recovery Acid	8.8%, 15.4%	10% to 94%, 21% to 100%	R	
						2,4-Dichlorophenol	Surrogate Recovery Acid	8.8%, 15.4%	10% to 94%, 21% to 100%	R	
						2,4-Dimethylphenol	Surrogate Recovery Acid Surrogate Recovery Acid	8.8%, 15.4% 8.8%, 15.4%	10% to 94%, 21% to 100%	R R	
						2,4-Dinitrophenol 2.4-Dinitrotoluene	Holdtimes (Extraction)	8.8%, 15.4% 12 davs	10% to 94%, 21% to 100% 7days	ND(0.010) J	
						2,4-Dinitrotoluene 2,6-Dichlorophenol	Surrogate Recovery Acid	8.8%, 15.4%	10% to 94%, 21% to 100%	R R	
						2,6-Dichlorophenol	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						2-Acetylaminofluorene	Holdtimes (Extraction)	12 days	7days 7days	ND(0.010) J	
						2-Acetylariinondorene 2-Chloronaphthalene	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						2-Chlorophenol	Surrogate Recovery Acid	8.8%, 15.4%	10% to 94%, 21% to 100%	R	
						2-Methylnaphthalene	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						2-Methylphenol	Surrogate Recovery Acid	8.8%, 15.4%	10% to 94%, 21% to 100%	R	
						2-Naphthylamine	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						2-Nitroaniline	Holdtimes (Extraction)	12 days	7days	ND(0.050) J	
]		2-Nitrophenol	Surrogate Recovery Acid	8.8%, 15.4%	10% to 94%, 21% to 100%	R	
				1		2-Picoline	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						3&4-Methylphenol	Surrogate Recovery Acid	8.8%, 15.4%	10% to 94%, 21% to 100%	R	
				1		3,3'-Dichlorobenzidine	CCAL %D	27.4%	<25%	ND(0.020) J	
				1		3,3'-Dichlorobenzidine	Holdtimes (Extraction)	12 days	7days	ND(0.020) J	
						3,3'-Dimethylbenzidine	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
1				1		3-Methylcholanthrene	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
1						3-Nitroaniline	Holdtimes (Extraction)	12 days	7days	ND(0.050) J	

2/25/2005

Sample Delivery		Date		Validation							
Group No.	Sample ID	Collected	Matrix	Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
J0P363 9	,	40/44/2004	Meter	Ties II	V	A C Division O mostly Johanna	Company Bassian Asid	0.00/ 45.40/	400/ += 040/ 040/ += 4000/	R	
JUP363 9	5B-R	10/14/2004	Water	Tier II	Yes	4,6-Dinitro-2-methylphenol 4-Aminobiphenyl	Surrogate Recovery Acid CCAL %D	8.8%, 15.4% 34.2%	10% to 94%, 21% to 100% <25%	ND(0.010) J	
						4-Aminobiphenyl	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						4-Bromophenyl-phenylether	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						4-Chloro-3-Methylphenol	Surrogate Recovery Acid	8.8%, 15.4%	10% to 94%, 21% to 100%	R R	
						4-Chloroaniline	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						4-Chlorobenzilate	Holdtimes (Extraction)	12 days	7davs	ND(0.010) J	
						4-Chlorophenyl-phenylether	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						4-Chlorophenol	Surrogate Recovery Acid	8.8%, 15.4%	10% to 94%, 21% to 100%	R	
						4-Nitroaniline	Holdtimes (Extraction)	12 days	7days	ND(0.050) J	
						4-Nitrophenol	Surrogate Recovery Acid	8.8%, 15.4%	10% to 94%, 21% to 100%	R	
						4-Nitroquinoline-1-oxide	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.010) J	
						4-Phenylenediamine	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						5-Nitro-o-toluidine	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						7,12-Dimethylbenz(a)anthracene		12 days	7days	ND(0.010) J	· ·
						a,a'-Dimethylphenethylamine	CCAL %D	38.6%	<25%	ND(0.010) J	
						a,a'-Dimethylphenethylamine	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Acenaphthene	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Acenaphthylene	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Acetophenone	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Aniline	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Anthracene	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Aramite Benzidine	Holdtimes (Extraction) CCAL %D	12 days 36.0%	7days <25%	ND(0.010) J ND(0.020) J	
						Benzidine	Holdtimes (Extraction)	36.0% 12 days	<25% 7days	ND(0.020) J ND(0.020) J	
						Benzo(a)anthracene	Holdtimes (Extraction)	12 days	7days 7days	ND(0.020) J ND(0.010) J	
						Benzo(a)pyrene	Holdtimes (Extraction)	12 days	7days 7days	ND(0.010) J	
						Benzo(b)fluoranthene	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Benzo(g,h,i)perylene	Holdtimes (Extraction)	12 days	7days 7days	ND(0.010) J	
						Benzo(k)fluoranthene	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Benzyl Alcohol	Surrogate Recovery Acid	8.8%, 15.4%	10% to 94%, 21% to 100%	R	
						bis(2-Chloroethoxy)methane	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						bis(2-Chloroethyl)ether	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	29.8%	<25%	ND(0.010) J	
						bis(2-Chloroisopropyl)ether	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						bis(2-Ethylhexyl)phthalate	Holdtimes (Extraction)	12 days	7days	ND(0.0060) J	
						Butylbenzylphthalate	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Chrysene	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Diallate	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	•
						Dibenzo(a,h)anthracene	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Dibenzofuran	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Diethylphthalate	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Dimethoate	CCAL %D	38.4%	<25%	ND(0.050) J	
				Dimethoate	Holdtimes (Extraction)	12 days	7days	ND(0.050) J			
				Dimethylphthalate	Holdtimes (Extraction)	12 days	7days	ND(0.010) J			
				Di-n-Butylphthalate	Holdtimes (Extraction)	12 days	7days	ND(0.010) J			
						Di-n-Octylphthalate	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Diphenylamine	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Disulfoton	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Ethyl Methanesulfonate	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Famphur	Holdtimes (Extraction)	12 days	7days	ND(0.050) J	
						Fluoranthene	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
					Fluorene	Holdtimes (Extraction)	12 days	7days	ND(0.010) J		

Sample Delivery		Date		Validation							
Group No.	Sample ID	Collected	Matrix	Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continue	ed)										
4J0P363	95B-R	10/14/2004	Water	Tier II	Yes	Hexachlorobenzene	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Hexachlorobutadiene	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Hexachlorocyclopentadiene	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Hexachloroethane	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Hexachlorophene	Holdtimes (Extraction)	12 days	7days	ND(0.020) J	
						Hexachloropropene	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Indeno(1,2,3-cd)pyrene	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Isodrin	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Isophorone	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Isosafrole	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Kepone	Holdtimes (Extraction)	12 days	7days	ND(0.050) J	
						Methapyrilene	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Methyl Methanesulfonate	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Methyl Parathion	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Nitrobenzene	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						N-Nitrosodiethylamine	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						N-Nitrosodimethylamine	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						N-Nitroso-di-n-butylamine	Holdtimes (Extraction)	12 days	7days	ND(0.010) J ND(0.010) J	
						N-Nitroso-di-n-propylamine N-Nitrosodiphenylamine	Holdtimes (Extraction) Holdtimes (Extraction)	12 days 12 days	7days 7days	ND(0.010) J ND(0.010) J	
						N-Nitrosomethylethylamine	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						N-Nitrosomorpholine	CCAL %D	30.7%	<25%	ND(0.010) J	
						N-Nitrosomorpholine	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						N-Nitrosopiperidine	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						N-Nitrosopyrrolidine	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						o,o,o-Triethylphosphorothioate	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						o-Toluidine	CCAL %D	25.4%	<25%	ND(0.010) J	
						o-Toluidine	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						p-Dimethylaminoazobenzene	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Parathion	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Pentachlorobenzene	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Pentachloroethane	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Pentachloronitrobenzene	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Pentachlorophenol	Surrogate Recovery Acid	8.8%, 15.4%	10% to 94%, 21% to 100%	R	
						Phenacetin	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Phenanthrene	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
i l						Phenol	Surrogate Recovery Acid	8.8%, 15.4%	10% to 94%, 21% to 100%	R	
į l						Phorate	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Pronamide	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Pyrene	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Pyridine	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Safrole	CCAL %D	92.3%	<25%	ND(0.010) J	ļ
						Safrole	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Sulfotepp	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	
						Thionazin	CCAL %D	26.7%	<25%	ND(0.010) J	
4.105000	DUD 4	40/44/222	147	-		Thionazin	Holdtimes (Extraction)	12 days	7days	ND(0.010) J	000
4J0P363	DUP-4	10/14/2004	Water	Tier II	Yes	2,6-Dinitrotoluene	CCAL %D	26.4%	<25%	ND(0.010) J	89B
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.010) J	
1						a,a'-Dimethylphenethylamine	CCAL %D	25.4%	<25%	ND(0.010) J	<u> </u>
i l						Aramite	CCAL %D	26.2%	<25% <25%	ND(0.010) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	31.8%	<25%	ND(0.010) J	1

Sample Delivery		Date		Validation							
Group No.	Sample ID	Collected	Matrix	Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continue						1				1	
4J0P363	DUP-4	10/14/2004	Water	Tier II	Yes	Methyl Methanesulfonate	CCAL %D	39.9%	<25%	ND(0.010) J	
						Pronamide	CCAL %D	41.0%	<25%	ND(0.010) J	
						Safrole	CCAL %D	96.6%	<25%	ND(0.010) J	
4J0P364	78B-R	10/15/2004	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL RRF	0.044	>0.05	ND(0.010) J	
						2,6-Dinitrotoluene	CCAL %D	25.6%	<25%	ND(0.010) J	
						3,3'-Dichlorobenzidine	CCAL %D	31.0%	<25%	ND(0.020) J	
						4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.010) J	
						Benzidine	CCAL %D	35.1%	<25%	ND(0.020) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	31.3%	<25%	ND(0.010) J	
						Methapyrilene	CCAL %D	31.8%	<25%	ND(0.010) J	
						Methyl Methanesulfonate	CCAL %D	33.5%	<25%	ND(0.010) J	
						N-Nitrosomorpholine	CCAL %D	26.7%	<25%	ND(0.010) J	
						Pronamide Safrole	CCAL %D CCAL %D	35.8% 85.6%	<25% <25%	ND(0.010) J ND(0.010) J	
4J0P364	GMA3-3	40/45/0004	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	0.044	<25% >0.05	ND(0.010) J ND(0.010) J	
4J0P364	GMA3-3	10/15/2004	vvater	i ier ii	Yes		CCAL RRF	25.6%		ND(0.010) J ND(0.010) J	
						2,6-Dinitrotoluene 3,3'-Dichlorobenzidine	CCAL %D	31.0%	<25% <25%	ND(0.010) J ND(0.020) J	
						4-Nitrophenol	ICAL %D	37.0%	<25% <30%	ND(0.020) J ND(0.050) J	
							ICAL %RSD	0.034	>0.05	ND(0.050) J ND(0.010) J	
						4-Nitroquinoline-1-oxide Benzidine	CCAL %D	35.1%	>0.05 <25%	ND(0.010) J ND(0.020) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	31.3%	<25% <25%	ND(0.020) J ND(0.010) J	
						Methapyrilene	CCAL %D	31.8%	<25% <25%	ND(0.010) J	
						Methyl Methanesulfonate	CCAL %D	33.5%	<25%	ND(0.010) J	
						N-Nitrosomorpholine	CCAL %D	26.7%	<25%	ND(0.010) J	
						Pronamide	CCAL %D	35.8%	<25%	ND(0.010) J	
						Safrole	CCAL %D	85.6%	<25%	ND(0.010) J	
4J0P364	RINSE BLANK-1	10/15/2004	Water	Tier II	Yes	2,6-Dinitrotoluene	CCAL %D	26.4%	<25%	ND(0.010) J	
.00. 00.		10/10/2001	· · · · · ·		1.00	4-Nitrophenol	ICAL %RSD	37.0%	<30%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	25.4%	<25%	ND(0.010) J	
						Aramite	CCAL %D	26.2%	<25%	ND(0.010) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	31.8%	<25%	ND(0.010) J	
						Methyl Methanesulfonate	CCAL %D	39.9%	<25%	ND(0.010) J	
						Pronamide	CCAL %D	41.0%	<25%	ND(0.010) J	
						Safrole	CCAL %D	96.6%	<25%	ND(0.010) J	
PCDDs/PCDFs		·				•	•			, , , , , ,	
	6B-R	10/6/2004	Water	Tier II	No						
	DUP-2	10/7/2004	Water	Tier II	No						GMA3-5
	GMA3-5	10/7/2004	Water	Tier II	No						
	82B-R	10/8/2004	Water	Tier II	No						
4J0P218	90B	10/7/2004	Water	Tier II	No						
4J0P218	GMA3-6	10/7/2004	Water	Tier II	No						
4J0P218	GMA3-7	10/8/2004	Water	Tier II	No						
4J0P363	114B-R	10/14/2004	Water	Tier II	No						
	89B	10/14/2004	Water	Tier II	No						
4J0P363	95B-R	10/14/2004	Water	Tier II	No						
	DUP-4	10/14/2004	Water	Tier II	No						89B
4J0P364	78B-R	10/15/2004	Water	Tier II	No						
4J0P364	GMA3-3	10/15/2004	Water	Tier II	No						
4J0P364	RINSE BLANK-1	10/15/2004	Water	Tier II	No						

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in parts per million, ppm)

Sample Delivery		Date		Validation							
Group No.	Sample ID	Collected	Matrix	Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Pesticides								_			
4J0P175	6B-R	10/6/2004	Water	Tier II	Yes	4,4'-DDD	Surrogate Recovery	35.0%, 17.8%	40% to 130%, 40% to 130%	ND(0.00010) J	Used original analysis
						4,4'-DDE	Surrogate Recovery	35.0%, 17.8%	40% to 130%, 40% to 130%	ND(0.00010) J	
						4,4'-DDT	Surrogate Recovery	35.0%, 17.8%	40% to 130%, 40% to 130%	ND(0.00010) J	
						Aldrin Alpha-BHC	Surrogate Recovery	35.0%, 17.8%	40% to 130%, 40% to 130%	ND(0.000050) J ND(0.000050) J	
						Alpha-BHC Alpha-Chlordane	Surrogate Recovery	35.0%, 17.8% 35.0%, 17.8%	40% to 130%, 40% to 130% 40% to 130%, 40% to 130%	ND(0.000050) J	
						Beta-BHC	Surrogate Recovery Surrogate Recovery	35.0%, 17.8%	40% to 130%, 40% to 130%	ND(0.000050) J	
						Delta-BHC	Surrogate Recovery	35.0%, 17.8%	40% to 130%, 40% to 130%	ND(0.000050) J	
						Dieldrin	Surrogate Recovery	35.0%, 17.8%	40% to 130%, 40% to 130%	ND(0.000030) 3	
						Endosulfan I	Surrogate Recovery	35.0%, 17.8%	40% to 130%, 40% to 130%	ND(0.00010) J	
						Endosulfan II	Surrogate Recovery	35.0%, 17.8%	40% to 130%, 40% to 130%	ND(0.00010) J	
		j				Endosulfan Sulfate	Surrogate Recovery	35.0%, 17.8%	40% to 130%, 40% to 130%	ND(0.00010) J	
						Endrin	Surrogate Recovery	35.0%, 17.8%	40% to 130%, 40% to 130%	ND(0.00010) J	
						Endrin Aldehyde	Surrogate Recovery	35.0%, 17.8%	40% to 130%, 40% to 130%	ND(0.00010) J	
						Endrin Ketone	Surrogate Recovery	35.0%, 17.8%	40% to 130%, 40% to 130%	ND(0.00010) J	
						Gamma-BHC (Lindane)	Surrogate Recovery	35.0%, 17.8%	40% to 130%, 40% to 130%	ND(0.000050) J	
						Gamma-Chlordane	Surrogate Recovery	35.0%, 17.8%	40% to 130%, 40% to 130%	ND(0.000050) J	
						Heptachlor	Surrogate Recovery	35.0%, 17.8%	40% to 130%, 40% to 130%	ND(0.000050) J	
						Heptachlor Epoxide	Surrogate Recovery	35.0%, 17.8%	40% to 130%, 40% to 130%	ND(0.000050) J	
						Kepone	Surrogate Recovery	35.0%, 17.8%	40% to 130%, 40% to 130%	ND(0.050) J	
						Methoxychlor	Surrogate Recovery	35.0%, 17.8%	40% to 130%, 40% to 130%	ND(0.00050) J	
						Technical Chlordane	Surrogate Recovery	35.0%, 17.8%	40% to 130%, 40% to 130%	ND(0.00050) J	
						Toxaphene	Surrogate Recovery	35.0%, 17.8%	40% to 130%, 40% to 130%	ND(0.0010) J	
4J0P175	DUP-2	10/7/2004	Water	Tier II	No						GMA3-5
4J0P175	GMA3-5	10/7/2004	Water	Tier II	No						
4J0P218	82B-R	10/8/2004	Water	Tier II	No						
4J0P218 4J0P218	90B GMA3-6	10/7/2004 10/7/2004	Water	Tier II Tier II	No No						
4J0P218 4J0P218	GMA3-7	10/8/2004	Water Water	Tier II	No						
4J0P218 4J0P363	114B-R	10/14/2004	Water	Tier II	No						
4J0P363	89B	10/14/2004	Water	Tier II	Yes	4,4'-DDD	Surrogate Recovery	36.1%, 17.2%	40% to 130%. 40% to 130%	ND(0.00010) J	Used original analysis
4001 303	CSB	10/14/2004	vvater	116111	163	4,4'-DDE	Surrogate Recovery	36.1%, 17.2%	40% to 130%, 40% to 130%	ND(0.00010) J	Osed Original arialysis
						4,4'-DDT	Surrogate Recovery	36.1%, 17.2%	40% to 130%, 40% to 130%	ND(0.00010) J	
						Aldrin	Surrogate Recovery	36.1%, 17.2%	40% to 130%, 40% to 130%	ND(0.000050) J	
						Alpha-BHC	Surrogate Recovery	36.1%, 17.2%	40% to 130%, 40% to 130%	ND(0.000050) J	
						Alpha-Chlordane	Surrogate Recovery	36.1%, 17.2%	40% to 130%, 40% to 130%	ND(0.000050) J	
						Beta-BHC	Surrogate Recovery	36.1%, 17.2%	40% to 130%, 40% to 130%	ND(0.000050) J	
						Delta-BHC	Surrogate Recovery	36.1%, 17.2%	40% to 130%, 40% to 130%	ND(0.000050) J	
						Dieldrin	Surrogate Recovery	36.1%, 17.2%	40% to 130%, 40% to 130%	ND(0.00010) J	
						Endosulfan I	Surrogate Recovery	36.1%, 17.2%	40% to 130%, 40% to 130%	ND(0.00010) J	
						Endosulfan II	Surrogate Recovery	36.1%, 17.2%	40% to 130%, 40% to 130%	ND(0.00010) J	
						Endosulfan Sulfate	Surrogate Recovery	36.1%, 17.2%	40% to 130%, 40% to 130%	ND(0.00010) J	
				I	I	Endrin	Surrogate Recovery	36.1%, 17.2%	40% to 130%, 40% to 130%	ND(0.00010) J	
				1	1	Endrin Aldehyde	Surrogate Recovery	36.1%, 17.2%	40% to 130%, 40% to 130%	ND(0.00010) J	
				1		Endrin Ketone	Surrogate Recovery	36.1%, 17.2%	40% to 130%, 40% to 130%	ND(0.00010) J	
				I	I	Gamma-BHC (Lindane)	Surrogate Recovery	36.1%, 17.2%	40% to 130%, 40% to 130%	ND(0.000050) J	
				1	1	Gamma-Chlordane	Surrogate Recovery	36.1%, 17.2%	40% to 130%, 40% to 130%	ND(0.000050) J	
						Heptachlor	Surrogate Recovery	36.1%, 17.2%	40% to 130%, 40% to 130%	ND(0.000050) J	
						Heptachlor Epoxide	Surrogate Recovery	36.1%, 17.2%	40% to 130%, 40% to 130%	ND(0.000050) J	
				I	I	Methoxychlor	Surrogate Recovery	36.1%, 17.2%	40% to 130%, 40% to 130%	ND(0.00050) J	
				I	I	Technical Chlordane	Surrogate Recovery	36.1%, 17.2%	40% to 130%, 40% to 130%	ND(0.00050) J	1
						Toxaphene	Surrogate Recovery	36.1%, 17.2%	40% to 130%, 40% to 130%	ND(0.0010) J	<u> </u>

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Sample Delivery		Date		Validation							
Group No.	Sample ID	Collected	Matrix	Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Pesticides (continued)											
4J0P363	95B-R	10/14/2004	Water	Tier II	Yes	Alpha-Chlordane	MS %R	1.0%	40% to 130%	R	
						Alpha-Chlordane	MSD %R	0.5%	40% to 130%	R	
						Beta-BHC	MSD %R	32.0%	40% to 130%	ND(0.000050) J	
						Beta-BHC	MS/MSD RPD	40.0%	<40%	ND(0.000050) J	
						Delta-BHC	MS %R	0.3%	40% to 130%	R	
						Delta-BHC	MSD %R	0.3%	40% to 130%	R	
						Endrin Ketone	MSD %R	3.4%	40% to 130%	R	
						Gamma-Chlordane	MSD %R	15.9%	40% to 130%	ND(0.000050) J	
4.10.0000	DUD 4	40/44/0004	10/-1	T' U	N.	Heptachlor Epoxide	MSD %R	37.5%	40% to 130%	ND(0.000050) J	000
4J0P363 4J0P364	DUP-4 78B-R	10/14/2004 10/15/2004	Water Water	Tier II Tier II	No No						89B
4J0P364 4J0P364	GMA3-3	10/15/2004	Water	Tier II	No						+
4J0P364 4J0P364	RINSE BLANK-1	10/15/2004	Water	Tier II	No		+				+
Herbicides	KINGE BLANK-I	10/15/2004	water	Helli	INU						
	6B-R	10/6/2004	Water	Tier II	No	Γ	1			1	Т
4J0P175 4J0P175	DUP-2	10/6/2004		Tier II	No						GMA3-5
4J0P175 4J0P175	GMA3-5	10/7/2004	Water Water	Tier II	No						GIVIA3-5
4J0P175 4J0P218	82B-R	10/7/2004	Water	Tier II	No		+				Used original analysis
4J0P218	90B	10/7/2004	Water	Tier II	No						Used original analysis
4J0P218	GMA3-6	10/7/2004	Water	Tier II	No		+				
4J0P218	GMA3-7	10/8/2004	Water	Tier II	No		+				Used original analysis Used original analysis
4J0P363	114B-R	10/14/2004	Water	Tier II	No No		+				Osed Original analysis
4J0P363 4J0P363	89B	10/14/2004	Water	Tier II	No		+				+
4J0P363	95B-R	10/14/2004	Water	Tier II	No					+	+
4J0P363	DUP-4	10/14/2004	Water	Tier II	No					+	89B
4J0P364	78B-R	10/15/2004	Water	Tier II	No					+	030
4J0P364	GMA3-3	10/15/2004	Water	Tier II	No						+
4J0P364	RINSE BLANK-1	10/15/2004	Water	Tier II	No						+
Cyanides/Sulfide		10/10/2004	Water	110111	140						
4J0P175	6B-R	10/6/2004	Water	Tier II	No						Т
	6B-R (filtered)	10/6/2004	Water	Tier II	No						+
4J0P175	DUP-2	10/7/2004	Water	Tier II	No						GMA3-5
4J0P175	DUP-2 (filtered)	10/7/2004	Water	Tier II	No						GMA3-5
4J0P175	GMA3-5	10/7/2004	Water	Tier II	No						CIVITIO
4J0P175	GMA3-5 (filtered)	10/7/2004	Water	Tier II	No						†
4J0P218	82B-R	10/8/2004	Water	Tier II	No						†
4J0P218	82B-R (filtered)	10/8/2004	Water	Tier II	No						1
4J0P218	90B	10/7/2004	Water	Tier II	No						1
4J0P218	90B (filtered)	10/7/2004	Water	Tier II	No			1			†
4J0P218	GMA3-6	10/7/2004	Water	Tier II	Yes	Cyanide	Method Blank	-	-	ND(0.010)	†
4J0P218	GMA3-6 (filtered)	10/7/2004	Water	Tier II	Yes	Cvanide	Method Blank	-	-	ND(0.010)	†
4J0P218	GMA3-7	10/8/2004	Water	Tier II	No			1		(/	†
4J0P218	GMA3-7 (filtered)	10/8/2004	Water	Tier II	No						1
4J0P363	114B-R	10/14/2004	Water	Tier II	No			1			†
4J0P363	114B-R (filtered)	10/14/2004	Water	Tier II	No						1
4J0P363	89B	10/14/2004	Water	Tier II	No						1
4J0P363	89B (filtered)	10/14/2004	Water	Tier II	No						1
4J0P363	95B-R	10/14/2004	Water	Tier II	No						1
4J0P363	95B-R (filtered)	10/14/2004	Water	Tier II	No						
4J0P363	DUP-4	10/14/2004	Water	Tier II	No						89B
4J0P363	DUP-4 (filtered)	10/14/2004	Water	Tier II	No						89B

Sample Delivery Group No. Cyanides/Sulfide	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
4J0P364	78B-R	10/15/2004	Water	Tier II	No						
4J0P364	78B-R (filtered)	10/15/2004	Water	Tier II	No						
4J0P364	GMA3-3	10/15/2004	Water	Tier II	No						
4J0P364	GMA3-3 (filtered)	10/15/2004	Water	Tier II	No	•					
4J0P364	RINSE BLANK-1	10/15/2004	Water	Tier II	No						
4J0P364	RINSE BLANK-1 (filtered)	10/15/2004	Water	Tier II	No	•					